

CURRICULUM VITAE	DESPINA SANODOU, PhD PROFESSOR, MEDICAL SCHOOL UNIVERSITY OF ATHENS, GREECE
PERSONAL INFORMATION Telephone e-mail	(+30) 6942636412 dsanoudou@med.uoa.gr
MISSION STATEMENT	<p>As a dedicated leader in genetics research, healthcare, and education, my mission is to advance the understanding of genetic diseases and empower both patients and healthcare professionals with the knowledge to drive personalized care. I completed my PhD at the University of Cambridge (UK) and served as an Instructor in the Genetics Department at Harvard Medical School, earning ABMG certification in Laboratory Genetics. Over the past 20 years, I have secured uninterrupted competitive funding, attracting for my lab over €5 million as Co-Ordinator or Principal Investigator from prestigious sources such as the Leducq Foundation for cardiovascular research and the European Commission. My research accomplishments are reflected in >135 publications (average impact factor: 8), an H-Index of 48, > 7,749 citations, and multiple awards including the UNESCO-L'Oreal Award for the Best Female Scientist in Greece (2007). I also serve as a grant evaluator for research organizations in 14 countries, as well as an Editorial Board member and Reviewer for over 45 international scientific journals, ensuring the highest standards of scientific innovation.</p> <p>Since returning to Greece, I have established and directed a range of educational programs aimed at working professionals, postgraduates, undergraduates, and high school students. These include Greece's first programs dedicated to Genetic Counseling and Laboratory Genetics, as well as the Precision Medicine course at the University of Athens Medical School. Through these programs, I aim to cultivate the next generation of experts in genetic medicine, translating cutting-edge research into impactful education. Bioethics and Professional Development Skills are integral components of all the curricula I am responsible for.</p> <p>My commitment to advancing patient care and personalized medicine is further demonstrated by my role as Director of the Clinical Genomics and Pharmacogenomics Unit at one of the largest hospitals in Greece, where I oversee the integration of cutting-edge genomic technologies into clinical practice. Additionally, I serve as Co-Director of its first Genetic Counseling Clinic, pioneering the delivery of specialized genetic counseling services to patients and families. These clinical contributions reflect my dedication to bridging research, education, and healthcare to improve outcomes and advance the field of precision medicine.</p> <p>Furthermore, I have the honor of serving on two national committees of heightened strategic importance in Greek healthcare—one for the approval of new drugs and the other for the Reimbursement Regulations of Health Technology Products and Services, including genetic tests. These prestigious roles allow me to contribute towards shaping national healthcare policy.</p>

ACADEMIC POSITIONS

2022-to date	PROFESSOR OF PHARMACOGENOMICS AND CARDIOVASCULAR BIOLOGY , 4 TH DEPARTMENT OF INTERNAL MEDICINE, MEDICAL SCHOOL, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, GREECE
2018-2022	ASSOCIATE PROFESSOR OF PHARMACOGENOMICS, CLINICAL GENOMICS AND PHARMACOGENOMICS UNIT, 4 TH DEPARTMENT OF INTERNAL MEDICINE, MEDICAL SCHOOL, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, GREECE
2020 – to date	AFFILIATED FACULTY MEMBER, DEPARTMENT OF BIOLOGY, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, GREECE
2015 – 2018	ASSISTANT PROFESSOR, CLINICAL GENOMICS AND PHARMACOGENOMICS UNIT, 4 TH DEPARTMENT OF INTERNAL MEDICINE, MEDICAL SCHOOL, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS, GREECE
2014-2017	HONORARY SENIOR RESEARCH FELLOW IN THE GENETICS AND IMAGING SECTION, NATIONAL HEART AND LUNG INSTITUTE, FACULTY OF MEDICINE, IMPERIAL COLLEGE LONDON, UK
2011 – to date	AFFILIATED FACULTY MEMBER, MOLECULAR BIOLOGY DIVISION, BIOMEDICAL RESEARCH FOUNDATION OF THE ACADEMY OF ATHENS, GREECE
2012– 2015	AFFILIATED FACULTY MEMBER, MOLECULAR, CARDIOMYOPATHY CLINIC, 3 RD DEPARTMENT OF CARDIOLOGY, MEDICAL SCHOOL, NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS
2010– 2015	ASSISTANT PROFESSOR, DEPARTMENT OF PHARMACOLOGY, MEDICAL SCHOOL, UNIVERSITY OF ATHENS
2007-2010	RESEARCHER C (ASSISTANT PROFESSOR), MOLECULAR BIOLOGY DIVISION, BIOMEDICAL RESEARCH FOUNDATION OF THE ACADEMY OF ATHENS, GREECE
2005-2006	VISITING SCHOLAR, DEPARTMENT OF MEDICINE, BOSTON UNIVERSITY SCHOOL OF MEDICINE, BOSTON, U.S.A.
2003-2006	RESEARCHER D (INSTRUCTOR LEVEL), MOLECULAR BIOLOGY DIVISION, BIOMEDICAL RESEARCH FOUNDATION OF THE ACADEMY OF ATHENS, GREECE
2003	INSTRUCTOR, DEPARTMENT OF PEDIATRICS, HARVARD MEDICAL SCHOOL , BOSTON, U.S.A.
2003	INSTRUCTOR, DEPARTMENT OF MEDICINE, DIVISION OF GENETICS, CHILDREN’S HOSPITAL, BOSTON, U.S.A.
2002-2003	POSTDOCTORAL RESEARCH FELLOW, DEPARTMENT OF MEDICINE, DIVISION OF GENETICS, CHILDREN’S HOSPITAL, BOSTON, U.S.A.
2002-2003	POSTDOCTORAL RESEARCH FELLOW, DEPARTMENT OF PEDIATRICS, HARVARD MEDICAL SCHOOL, BOSTON, U.S.A.

OTHER POSITIONS

2024 – to date	CO-DIRECTOR OF THE GENETIC COUNSELING CLINIC FOR INHERITED CARDIOVASCULAR DISEASE, 3 RD CARDIOLOGY CLINIC AND 4 TH DEPARTMENT OF INTERNAL MEDICINE, “ATTIKON” HOSPITAL, ATHENS, GREECE
2015 – to date	DIRECTOR OF THE CLINICAL GENOMICS AND PHARMACOGENOMICS UNIT , 4 TH DEPARTMENT OF INTERNAL MEDICINE, “ATTIKON” HOSPITAL, ATHENS, GREECE
2012- 2015	CO-ORDINATOR OF INTERNATIONAL GENOMICS/PHARMACOGENOMICS PROGRAM OF THE MAGDI YACOUB RESEARCH NETWORK, LONDON, UK
2008-2011	MENTOR TO UNDERGRADUATE STUDENTS, ALUMNI MENTOR PROGRAM, UNIVERSITY OF HERTFORDSHIRE, UK
2006	SABBATICAL, DEPARTMENT OF PATHOLOGY, BRIGHAM AND WOMEN’S HOSPITAL, HARVARD MEDICAL SCHOOL, BOSTON, U.S.A.
2001	CLINICAL MOLECULAR DIAGNOSTICS FELLOW, BRIGHAM AND WOMEN’S HOSPITAL , BOSTON, USA
2001	CLINICAL MOLECULAR DIAGNOSTICS FELLOW, CHILDREN’S HOSPITAL , BOSTON, USA
2002	CLINICAL MOLECULAR DIAGNOSTICS FELLOW, GENZYME INC. , FRAMINGHAM, USA
2002	CLINICAL MOLECULAR DIAGNOSTICS FELLOW, MASSACHUSETTS GENERAL HOSPITAL , BOSTON, USA

EDUCATION

1999	PH.D. IN MOLECULAR CYTOGENETICS, UNIVERSITY OF CAMBRIDGE , UK
1996	BSC IN APPLIED BIOLOGY (MOLECULAR BIOLOGY-HONORS), UNIVERSITY OF HERTFORDSHIRE, UK

PROFESSIONAL CERTIFICATION

2000-2002	BOARD CERTIFICATION IN CLINICAL MOLECULAR DIAGNOSTICS (LABORATORY GENETICS), AMERICAN BOARD OF MEDICAL GENETICS, USA
-----------	---

TRAINING

2015	Introduction to Bioprocessing and Biologic Medicines, National Institute for Bioprocessing Research and Training (NIBRT), Dublin, Ireland
2014	Molecular and Medical Pharmacology, Division of Continuing Education, University of California Los Angeles (UCLA) Extension, USA

2011	Training Program in Educational Approaches, Medical School, University of Athens, Athens, Greece.
2010	Biosciences Consulting Program, BrainGig, USA
2008	Mentor Training Program, University of Hertfordshire, UK
2007	Seminar Series in Bioethics, Hellenic Center for Biomedical Ethics, Athens, Greece
2006	Introduction to Clinical Research. Brigham and Women's Hospital-Center for Clinical Research, Boston, USA
2006	Human Subjects Research Training Course, 'Collaborative IRB Training Initiative (CITI). Partners Health Care System / University of Miami, USA
2005	Seminar Series in Bioethics, Hellenic Center for Biomedical Ethics, Athens, Greece
2003	Advanced Counseling Skills: Integrating Theory into Genetic Counseling Practice. Master's degree program in Genetic Counseling. Brandeis University, USA
2003	World Muscle Society teaching course on clinical, histological and genetic diagnosis of skeletal muscle diseases. Hodmezovasarhely, Hungary
2000-2002	Clinical Molecular Genetics Course. American Board of Medical Genetics. Harvard University, Boston, USA
2001	Genetics, Development and Reproductive Biology. Harvard Medical School
2001	Human Subjects Research Training Course. Children's Hospital Boston / University of Miami, USA
2001	Biostatistics: Statistics for Medical Research. Brigham and Women's Hospital, Boston, USA
2000	Human Subject Protection Education/Training. Children's Hospital Boston, USA

LANGUAGES

Greek (native), English (fluently), French (good), Italian (beginner)

GRANTS

2023-2026	Greek General Secretariat for Research and Innovation, "Nationwide Action – Precision Medicine in Infectious Disease" (Total budget 3,800,000 euro)
2021-2023	National Action "EPANEK" "Research-Creation-Innovation", "Pre-clinical evaluation of the therapeutic action of new innovative chemical compounds against ovarian cancer" (Total budget 450,000 euro)
2020-2023	National Action "EPANEK" "Research-Creation-Innovation", "Development and exploitation of novel microbio-genetic test in in vitro fertilization" (Total budget 480,000 euro)
2019-2024	Leducq Foundation, "CurePLaN" (Total budget 15,000,000 euro)
2017	Amgen Social Responsibility Grant for High School Outreach Program on Biosciences (Total budget 20,000 euro)
2016-2017	Hellenic Cardiological Society Research Award "Evaluation of new mechanisms of post-translational modifications as therapeutic targets against arrhythmias" (web)
2016-2018	Greek General Secretariat for Research and Innovation, Matching Funds Program for 7 th Framework Programme grants (Total budget 137,000 euro)
2012-2016	7th Framework Programme-European Union, contract no.: HEALTH-F2-2012-278611 "NOX enzymes as mediators of inflammation-triggered neurodegeneration: modulating NOX enzymes as novel therapies (NEURINOX)" (Total budget 11,500,000 euro)
2014-2015	National Action "Aristeia II", Greek Ministry of Education and Religion – General Secretariat for Research and Technology, contract no.:5368 "Aberrations in Ca homeostasis as the molecular basis of arrhythmogenesis and evaluation of novel targeted treatments (CALCIRHYTHM)" (Total budget 138,000 euro)
2014-2015	Fondation Sante "Determine the mechanisms underlying arrhythmogenesis by the human variant S96A in the histidine-rich calcium binding protein" (Total budget 20,000 euro)
2013-2014	Hellenic Cardiological Society Research Award "Investigation of novel pharmaceutical compounds against cardiac arrhythmias, in a novel mouse model of ventricular arrhythmias"
2012-2016	National Action "Cooperation", Greek Ministry of Development, "Development of Novel Diagnostics and Treatment for Cardiomyopathy and Heart Failure (TREAT-HEART)"
2012-2016	National Action "Thalis", Greek Ministry of Education/ European Union "Structure-function relation, regulation and genetic variation of the high density lipoprotein (HDL): potential in the prevention and treatment of coronary disease"
2012-2015	National action "Cooperation", Greek Ministry of Development no: 09ΣΥΝ-21-1003 "Development and Screening of Novel beta Amyloid Peptide Inhibitors for Alzheimer's Disease (TreatAD)"
2012-2014	7th Framework Programme-European Union, contract no.: FP7-ICT-2011-318652 "BIOASQ: A challenge on large-scale biomedical semantic indexing and question answering"
2011-2012	John S. Latsis Public Benefit Foundation Research Grant "New targeted treatments against cardiac

	arrhythmias”
2009-2014	7th Framework Programme-European Union, contract no.: HEALTH-F2-2009-241526 “Identification and therapeutic targeting of common arrhythmia trigger mechanisms (EUTrigTreat)”.
2009-2010	Hellenic Cardiological Society Research Award “Cofilin 2: a new diagnostic marker and therapeutic target for cardiomyopathies?”
2008-2009	Hellenic Cardiological Society Research Award “New proteins involved in the development of Heart Failure”
2007-2008	Hellenic Cardiological Society Research Award “Characterizing the role of MLP in Heart Failure”
2007-2010	6th Framework Programme-European Union “Functional genomics of inborn errors and therapeutic interventions in high density lipoprotein (HDL) metabolism”
2006-2007	Hellenic Cardiological Society Research Award “Evaluation of HAX-1 as a diagnostic marker and therapeutic target for heart failure”
2006-2008	International RTD Collaborations-Greek Ministry of Development/ European Union. “Models of Ubiquitin-proteasome dysfunction in mice”
2006-2008	Development Programmes for the Periphery, Greek Ministry of Development/ European Union. “Development of improved cardioprotective gene transfer approaches for cardiomyopathy treatment”
2005-2008	PENED-Greek Ministry of Development/European Union, contract no.: 03 ED 271 “Molecular diagnosis of micrometastatic disease in breast cancer using electronic DNA microarrays”.

**AWARDS-
DISTINCTIONS**

2021	1 st Oral Presentation Award for the work of Valanti E, Fotakis P, Dalakoura-Karagouni K, Vafiadaki L, Chroni A, Kardasis D, Zannis V, Sanoudou D. “Reconstituted HL-ApoE3 promotes human endothelial cell migration through the transcription factor ID1 and the subsequent activation of ERK1/2, AKT and p38 MAPK. 9 th Panhellenic Conference of the Working Groups of the Hellenic Society of Atherosclerosis. 2-4 December 2021, Athens, Greece.
2017	3 rd Oral Presentation Award for the work of Arvanitis D, Vafiadaki E, Papalouka V, Sanoudou D. “MLP interacts with MYPBC3 and regulates differentiation in the heart”. 18 th Panhellenic Conference on Heart Failure, 3-5 February 2017, Athens, Greece.
2016	Best Abstract Award for the work of Valanti E, Vafiadaki L, Fotakis P, Kardasis D, Chroni A, Zannis V, Sanoudou D. “Reconstituted HDL containing apoE promotes human endothelial cell migration”. 19 th Panhellenic Conference of Lipidology, Atherosclerosis and Vascular disease, 13-15 th October 2016, Athens, Greece.
2016	2 nd Oral Presentation Award for the work of Tzimas C, Vafiadaki L, Arvanitis D, Davos C, Varela A, Athanasiadis N, Dimitriou K, Katsiboulas M, Sontang S, Simerling D, Lehnard S, Kranias EG, Sanoudou D. “The role of the HRC Ser96Ala variant in the development of arrhythmias and sudden cardiac death, using a transgenic mouse model”. 17 th National Heart Failure Conference, 5-7 th February 2016, Athens, Greece.
2015	4 th Oral Presentation Award for the work of Sanoudou D, Kolokathis F, Arvanitis DA, Barton P, Al-Shafai K, Tsiapras D, Bouchan R, Walsh R, Cook S, Kremastinos D, Yacoub M. “New genetic polymorphisms with potential modifier effect on PLN L39X related cardiomyopathy patients”. 16 th Panhellenic Conference on Heart Failure, 30 th January-1 st February 2015, Athens, Greece.
2014	3 rd Oral Presentation Award for the work of Vafiadaki E, Arvanitis DA, Sanoudou D, Kranias EG. “PP1 protein complexes and their functional role in cardiac muscle”. 15 th Panhellenic Conference on Heart Failure, 31 st January-2 nd February 2014, Athens, Greece.
2013	Oral presentation Award for the work of Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, Sanoudou D. “Pharmacogenomic analysis of the action of reconstituted HDL with ApoE3 on endothelial cell proliferation”. 5 th Symposium of the Working Groups of the Hellenic Society of Atherosclerosis. 30 th November 2013, Athens, Greece.
2013	1 st Poster presentation Award for the work of Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, Sanoudou D. “Evaluation of the HDL effect on the expression of migration related genes in endothelial cells”. 16 th Panhellenic Conference of Lipidology, Atherosclerosis and Vascular disease, 3-5 th October 2013, Athens, Greece.
2013	3 rd Oral presentation Award for the work of Kalozoumi G, Bernard H, Kel-Margoulis O, Heinrich C, Wingender E, Depaulis A, Sanoudou D. “Molecular analysis of pathogenetic mechanisms in a mouse model for Mesio-Temporal Lobe Epilepsy”. March 2 nd 2013 at the 11 th National Conference in Pharmacology, Athens, Greece
2013	2 nd Poster presentation Award for the work of Arvanitis DA, Kranias EG, Sanoudou D. “The role of HRC in idiopathic dilated cardiomyopathy”. 14 th Panhellenic Congress of

- Heart Failure, 1-3rd February 2013, Athens, Greece
- 2013 1st Oral presentation Award for the work of Vafiadaki E, Arvanitis DA, Papalouka V, Terzis G, Roumeliotis ThI, Spengos K, Garbis SD, Manta P, Sanoudou D. "Molecular characterization of a novel Muscle Lim Protein isoform and its role in cardiac muscle". 14th Panhellenic Congress of Heart Failure, 1-3rd February 2013, Athens, Greece
- 2012 Oral presentation Award for the work of Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, Sanoudou D. "Molecular characterization of the effect of apoE3 containing HDL on human endothelial cell migration". 5th Panhellenic Atherosclerosis Conference, 30th November, Athens, Greece
- 2012 Poster presentation Award for the work of Valanti E, Fotakis P, Beck M, Kardasis D, Sanoudou D. "Molecular assessment of the atheroprotective role of apoE3 containing HDL on endothelial cells". 21st Conference "Pathology Days", 16-17th March, Athens, Greece
- 2011 Greek Society of Pharmacology Award for Best Poster Presentation/Research Project in 2011. March 12th 2011 at the 10th National Conference in Pharmacology, Athens, Greece
- 2010 21st International Biology Olympiad – Trainer of Greek Team that received two Bronze medals. Award by the Panhellenic Union of Bioscientists, Greece
- 2009 American Society of Human Genetics Award for Excellence in High school Outreach Initiatives and Activities at an International Level, USA
- 2009 Greek Society of Pharmacology Award for Best Oral Presentation/Research Project in 2009. March 8th 2009 at the 5th National Conference in Pharmacology in Athens, Greece
- 2008 Panhellenic Biosciences Association Award for contribution to bridging Education and Research and to the education of high-school students and teachers. September 27th at 3rd National Conference of the Panhellenic Biosciences Association in Thessaloniki, Greece
- 2008 1st Annual Prize for Excellence in Research, Hellenic Cardiological Society, Athens, Greece
- 2008 Honorary Award for Scientific Achievements in Molecular Cardiology by the Threan Society for Sciences and Arts
- 2008 National Award, European Society of Human Genetics
- 2007 Hellenic Cardiological Society 1st Annual Prize for Excellence in Research
- 2007 UNESCO-L'Oreal Award for "2007 Best Young Female Scientists in Greece"
- 2006 Hellenic Cardiological Society 1st Annual Prize for Excellence in Research
- 2000 March of Dimes Birth Defects Foundation Award
- 1993 City of Athens Award for best final year performance
- 1993 City of Athens Award for University entrance
- 1992, 1993 School Gold Medal winner (Vraveia)
- 1989-1993 Five consecutive prizes for academic excellence (Aristeia)

TEACHING EXPERIENCE

TRAINING PROGRAMMES FOR PROFESSIONALS

- 2022-to date **Course Founder, Director** and Primary Educator for 3-month eLearning Continuing Education Program, "**Genetic Counseling**"
- 2021-to date **Course Founder, Director** and Primary Educator for 5-month eLearning Continuing Education Program, "**Laboratory Genetics: application and interpretation of genetic tests**"
- 2017 Continuing Education Seminars, Department of Internal Medicine, Medical School, Aristoteleio University of Thessaloniki: "Genomics tools at the service of Rheumatologists"
- 2017 Inter-University Collaborative Educational Program on Rheumatology, Medical School, National and Kapodistrian University of Athens: "Genomics in Rheumatology"
- 2016 Continuing Education Program in Cardiology, 2nd Cardiology Department, Medical School, National and Kapodistrian University of Athens: "The Genetic Basis of Cardiomyopathies"
- 2016 Continuing Education Program on Internal Medicine, 2nd Internal Medicine Department, Medical School, National and Kapodistrian University of Athens: "Genomics and Pharmacogenomics in Internal Medicine"
- 2014 Continuing Education Program "From Genetics and Translational Research to Pharmacogenomics and Personalized Medicine", Hellenic Association of Pharmaceutical Companies: "Methods and Applications in Pharmacogenomics"
- 2014 Education Program in Preparation of Medical Specialty Exams and the European Anesthesiology Certificate, 2nd Department of Anesthesiology, Medical School, National and Kapodistrian University of Athens: "*Pharmacogenomics and Personalized Medicine*"

2013	Continuing Education Program on Pharmacoepidemiology, Hellenic Association of Pharmaceutical Companies: "Pharmacogenomics: a step closer to Personalized Medicine"
2012-2013	Introduction to Translational Cardiovascular Research, Biomedical Research Foundation of the Academy of Athens: " <i>Pharmacogenomics in Cardiology</i> "
2012-2013	Introduction to Translational Cardiovascular Research, Biomedical Research Foundation of the Academy of Athens: " <i>microRNAs in Cardiology</i> "
2006, 2008	Hellenic Cardiological Society, 1 st & 2 nd Molecular Cardiology Course: " <i>Animal Models for the study of Heart Disease</i> "
2006, 2008	Hellenic Cardiological Society, 1 st & 2 nd Molecular Cardiology Course: " <i>Cell and Gene therapy for treating Heart Disease</i> "
POSTGRADUATE (MSc) courses	
2018-to date	University of Crete, Medical School, Department of Biochemistry: " <i>Pharmacogenomics in Oncology</i> "
2016-to date	National and Kapodistrian University of Athens, Medical School, Department of Medical Genetics, MSc on Medical Genetics: " <i>Pharmacogenomics in Precision Medicine</i> "
2016-to date	National and Kapodistrian University of Athens, Medical School and "Fleming" Research Center, MSc on Molecular Biomedicine: " <i>Pharmacogenomics in Precision Medicine</i> "
2016-2018	National and Kapodistrian University of Athens, Medical School and Division of Political Sciences/Public Administration, MSc on Evaluation and Management of Occupational, Environmental and Pharmaceutical Hazards: " <i>Pharmacogenomics and Pharmaceutical Hazards</i> "
2016-to date	National and Kapodistrian University of Athens, Medical School, 1 st Department of Cardiology: " <i>Genomic Medicine – informatic needs</i> "
2015-2017	National and Kapodistrian University of Athens, Department of Pharmacy. "Pharmacogenomics", "RNAi and Stem Cell therapies", "Biologics and Biosimilars"
2013-2018	National and Kapodistrian University of Athens, Department of Chemistry: " <i>The role of Pharmacogenomics in Personalized Medicine</i> "
2010-2011	National and Kapodistrian University of Athens, Medical School, 1 st Department of Cardiology: " <i>Pharmacogenomics in the Cardiology Clinic</i> "
2010-2013	National and Kapodistrian University of Athens, Department of Clinical Biochemistry and Department of Nursing: " <i>Pharmacogenomics in the diagnostic setting</i> "
2010-to date	National and Kapodistrian University of Athens, Medical School, Department of Physiology: " <i>Genomics – clinical applications of microarrays</i> "
2009-2018	National and Kapodistrian University of Athens, Medical School, 3 rd Department of Pathology: " <i>Pharmacogenomics in the Oncology Clinic</i> "
2009-2018	National and Kapodistrian University of Athens, Medical School, 1 st Department of Pathology: " <i>Microarrays in Oncology for better Diagnosis, Prognosis and Therapy</i> "
2008-2010	National and Kapodistrian University of Athens, Department of Informatics: " <i>Advanced Topics in Biotechnology</i> "
2008-2014	University of Crete, Medical School, Department of Biochemistry: " <i>Principles of Cytogenetics</i> "
2008-2014	University of Crete, Medical School, Department of Biochemistry: " <i>Principles and applications of protein arrays</i> "
2008-2014	University of Crete, Medical School, Department of Biochemistry: " <i>Advanced microarray applications</i> "
2007-2016	National and Kapodistrian University of Athens, Medical School, Department of Biology: " <i>Functional Genomics</i> "
2006-2013	National and Kapodistrian University of Athens, Department of Clinical Biochemistry and Department of Nursing: " <i>Clinical application of microarray technologies</i> "
2005-2012	National and Kapodistrian University of Athens, Department of Chemistry: " <i>Principles and applications of protein arrays</i> "
2005-2014	University of Crete, Medical School, Department of Biochemistry: " <i>Bioethical considerations in Genetics Research and Application</i> "
2005-2014	National and Kapodistrian University of Athens, Medical School, Department of Biology: " <i>Microarray technologies and applications</i> "
2004-2006	University of Athens, Department of Chemistry: " <i>Microarray technologies and applications</i> "
2003-2014	University of Crete, Medical School, Department of Biochemistry: " <i>Microarray technologies and applications</i> "
POSTGRADUATE Summer Courses	
2015	Omics School, FP-7 NEURINOX training course, 21-23 rd October 2015, Biomedical Research Foundation of the Academy of Athens.

2012-2013	World Hellenic Biomedical Association, Summer School in Biomedical Sciences Research and Management: <i>“Technical and experimental aspects of whole genome microarrays”</i> and <i>“Applications of whole genome arrays in basic research, clinical research and clinical practice”</i> , Peloponissos, Greece
	UNDERGRADUATE Courses
2023-to date	National and Kapodistrian University of Athens, Medical School, ENGLISH program, Director of Elective Course “Precision Medicine”, teaching precision medicine in Oncology, Cardiology, Psychiatry, Infectious Disease, Analgnesia, as well as Biological drugs, Biosimilars, Gene Therapies, CRISPR therapies, RNA therapies, Companion diagnostics, Ethical and Financial issues in Precision Medicine.
2022-to date	National and Kapodistrian University of Athens, Medical School, Department of Biology, ENGLISH program, “Molecular Techniques”, “Risk calculation”, “Pharmacogenomics”, “Genetic Counseling”, “Clinical Cases”, “Skills development”
2018-to date	National and Kapodistrian University of Athens, Medical School, Department of Biology, “Pharmacogenetics”
2016-2018	National and Kapodistrian University of Athens, Medical School, 2 nd Department of Internal Medicine, optional course “Rheumatology”, “Genomics and Pharmacogenomics in personalized medicine”
2016-to date	National and Kapodistrian University of Athens, Medical School, 3 rd Department of Cardiology, optional course “Molecular Cardiology”
2015-to date	National and Kapodistrian University of Athens, Medical School, 4 th Department of Internal Medicine, optional course “Infections”, “Pharmacogenomics in the treatment of Infections”
2015-to date	National and Kapodistrian University of Athens, Medical School, 4 th Department of Internal Medicine, “Genetic Counseling”, “Genetic Family Tree”, “Case studies”, “Molecular Diagnostic Techniques - Pharmacogenomics”
2015-2018	National and Kapodistrian University of Athens, Department of Pharmacy, “Molecular and Personalized Medicine”
2015-2018	Harvard Medical School <i>“Diabetes, Obesity and Metabolic Syndrome: from basic research to clinical practice”</i> . 17 th -18 th April 2015 & 19 th -21 st September 2016, Nafplio, Greece
2014	National and Kapodistrian University of Athens, Medical School, 3 rd Department of Cardiology, “Pharmacogenetics in Heart Failure”
2012 & 2013	University of Rotterdam, Medical School Twinning Program with University of Athens, Medical School
2011	University of Munich, Medical School Twinning Program with University of Athens, Medical School
2011	University of Michigan, School of Nursing, Program for Global and Intercultural Experience for Undergraduates: <i>“Biomedical Research in Greece- setting up a new research Institute”</i>
2010 – 2015	National and Kapodistrian University of Athens, Medical School, Department of Pharmacology, “Pharmacodynamics”, “Pharmacogenomics/ Molecular Pharmacology” classes
2005-2006	European Summer Academy on Bioethics, Ludwigshafen, Germany: <i>“The impact of microarray technologies for decoding neuromuscular diseases and Bioethical considerations”</i>
2003	New England Junior Science and Humanities Symposium at Harvard Medical School, Boston, USA
	HIGH SCHOOL OUTREACH AND BIOSCIENCE TRAINING PROGRAMS
2023	“Career options in Biomedicine” and “Motivational speech”, to high school students in Chios and Psarra islands’ schools.
2017	“Biosciences: open your mind – change your world”, Biomedical Research Foundation of the Academy of Athens (800 students)
2015-2016	“Biosciences: open your mind – change your world”, FP-7 NEURINOX high school outreach events, Biomedical Research Foundation of the Academy of Athens. 4 th March & 24 th November 2015 (400 students), 2 nd March – 4 th November – 19 th December 2016 (600 students).
2015	“Biomedical Research - a fascinating world” at the “Health Sciences Workshop – An inspiring world”, IC summer school of the Hellenic American Educational Foundation, June 2015, Athens, Greece
2004-to date	Biomedical Research Foundation of the Academy of Athens “High School Outreach Program”. Hosts approx. 350 students annually.
2008-2012	Trainer of the Greek Biology Olympiad Team
2010, 2011	DNA-day American Society for Human Genetics
LAB SUPERVISION	DIRECT SUPERVISION (Annex I) 9 Post-Doc fellows, 8 PHD students,

19 MSc students,
14 final year undergraduate students

ADVISORY / EVALUATION COMMITTEE (Annex I)

12 PHD students,
15 MSc students

MANAGEMENT POSITIONS

2022-to date **Course Director** for the 3-month eLearning Continuing Education Program, “Genetic Counseling”
2021-to date **Course Director** for the 5-month eLearning Continuing Education Program, “Laboratory Genetics: application and interpretation of genetic tests”
2016-to date **Module Facilitator for “Precision Medicine”**, MSc in Molecular Biomedicine, Medical School, University of Athens
2012-2016 Knowledge Dissemination Manager, European Union, Framework Programme 7- “NEURINOX”
2008-2010 Course Director for “Advanced Topics in Biotechnology” for the MSc in Information Technologies in Medicine and Biology, Department of Informatics, University of Athens
2007-2016 Course Director for “Functional Genomics” for the MSc in Molecular Medicine, Department of Biology, Medical School, University of Athens
2003-to date Founder and Director of the Biomedical Research Foundation of the Academy of Athens “High School Outreach Program”. Hosts approx. 350 students annually.
2007-2010 Knowledge Dissemination Manager, European Union, Framework Programme 6- “VALAPODYN”

GRANT EVALUATOR

2024 Portugese National Foundation for Science and Technology
2023 Austrian Science Fund
2023 Medical Research Council, UK
2023 Dutch Heart Foundation
2023 European PATHFINDER grants
2022-2023 University of Crete, Grant Management Office (ELKE), Greece
2020-2021, 2023-2024 European Science Foundation
2019, 2021, 2024 Ministry of Science, Montenegro
2018-2022 European Institute of Innovation and Technology
2018,2021 Cyprus Research and Innovation Foundation
2018 Italian Medical Agency
2017 Lithuania Research Council
2017, 2019 Hellenic Foundation for Research and Innovation (ELIDEK)
2017 AIX Marseilles, France
2017-2022 Greek General Secretariat for Research and Technology
2017, 2019-2021, 2023 Fund for Scientific Research – FNRS in Brussels, Belgium
2015, 2018 European Research Council
2015 MIT Enterprise Forum – Greece Startup Competition
2014-2024 HORIZON 2020 of the European Union
2014 Greek Association of Pharmaceutical Enterprises (SFEE) Innovation Project
2007, 2010 7th Framework Programme of the European Union
2013 Polish National Center for Research and Development
2012 Italian Telethon Foundation
2010, 2012, 2016, 2018 Foundation for Greek Governmental Scholarships (IKY)
2010 French Agence Contre Les Myopathies, France
2006 6th Framework Programme of the European Union

COMMITTEES

2022-2023, 2024-2025 Governmentally appointed member of the **National Committee** for the Reimbursement Regulations of Health Technology Products and Services (EOPPY), **Greece**
2022-2025 Member of the **FWO Review College** – Panel Genetics, Functional Genome Research, Bioinformatics Science and Developmental Biology, **Belgium**
2022 **Experts’ Committee of the Royal Academy of Sciences** for the 5-year evaluation of the

	Netherlands Heart Institute, The Netherlands
2021-2023	Governmentally appointed member of the National Medicines Approval Committee of the National Medicines Organization (EOF), Greece
2016-2019	Member of the “Drug Committee” for the issuance of national recommendations, Institute of Scientific Research, Panhellenic Medical Society, Greece
2015-2017	Board of Directors, Harvard Alumni Club of Greece
2014-2015	Steering Committee for Clinical Trials, Galien Think Tank Greece – Galien Foundation
2014-2015	Board of Directors, Kardiatec
2009-2014	Biostatistics Steering Panel, European Union, Framework Programme 7- “EUTrigTreat”, (international)
2009-2014	Member of the General Assembly, European Union, Framework Programme 7- “EUTrigTreat” (international)
2009-2012	Treasurer, Executive Committee for the Hellenic Proteomics Society
2011-to date	Scientific Board of InTech Open Access Publisher
2011-2014	Board of Directors (elected Vice President) of the Threan Society for Sciences and Arts
2008-2010	Board of Directors (elected Public Relations Liaison) of the Panhellenic Union of Bioscientist (>1,000 Union members)
2007-2009	Executive Committee for the Hellenic Proteomics Society
2006	Head, Organizing Committee, 1st Molecular Cardiology Course of the Hellenic Cardiological Society
2005-2006	Committee for compilation of the Bylaws and Regulations of the Biomedical Research Foundation of the Academy of Athens
FACULTY ELECTION COMMITTEES	
May 2021	Election Committee for the tenure of Dimitris Vlachakis (Assistant Professor), Agricultural University of Athens
February 2021	Election Committee for the recruitment of Assistant Professor in Biology, Department of Biology, National and Kapodistrian University of Athens
2020	Promotion Committee for Dimitrios Trafalis (Assistant to Associate Professor), Department of Pharmacology, National and Kapodistrian University of Athens.
2020	Promotion Committee for Iordanis Mourouzis (Assistant to Associate Professor), Department of Pharmacology, National and Kapodistrian University of Athens.
2018	Election Committee for the recruitment of Assistant Professor in Pharmacology, Department of Pharmacy, University of Thessaloniki.
2017	Election Committee for the recruitment of Assistant Professor in Biology, Department of Biology, National and Kapodistrian University of Athens
2017	Promotion Committee for Christina Dalla (Assistant to Associate Professor), Department of Pharmacology, National and Kapodistrian University of Athens.
2017	Promotion Committee for Dimitrios Trafalis (Assistant to Associate Professor), Department of Pharmacology, National and Kapodistrian University of Athens.
September 2016	Promotion Committee of Manolis Mavroidis (Instructor to Assistant Professor), Center for Basic Research, Biomedical Research Foundation of the Academy of Athens
2014	Promotion Committee of Christina Dalla (Instructor to Assistant Professor), Dept. Pharmacology, Medical School, University of Athens
May 2014	Evaluation Committee for the recruitment of Research Scientist (ELE B'), Biomedical Research Foundation of the Academy of Athens
December 2013	Evaluation Committee for the recruitment of Senior Research Staff, Biomedical Research Foundation of the Academy of Athens
2012	Promotion Committee of Maria Gazouli (Instructor to Assistant Professor), Dept. Biology, Medical School, University of Athens
BOOK EDITOR	
2012	“Clinical applications of pharmacogenetics”. InTech, Croatia. ISBN:978-953-51-0389-9 (http://www.intechopen.com/books/clinical-applications-of-pharmacogenetics)
EDITORIAL BOARDS	

2022-to date | Journal of Cardiovascular Translational Research
 2020-2023 | International Journal of Molecular Sciences
 2021-to date | Frontiers in Cardiovascular Medicine
 2021 | Guest Editor Journal of Precision Medicine
 2019-2020 | Journal of Alzheimer's Disease
 2015- 2018 | Pharmacology Research and Perspectives
 2015-to date | Continuing Cardiology Education Journal (**Associate Editor** for Basic Research)
 2015-to date | Gene
 2013-to date | Journal of Pharmacogenomics & Pharmacoproteomics
 2013-to date | Global Journal of Human Anatomy and Physiology
 2013-2017 | World Journal of Biological Chemistry
 2013-2017 | Pharmacology Research and Perspectives
 2011-2012 | Physiological Genomics
 2011-2013 | Frontiers in Pharmacogenetics and Pharmacogenomics
 2011-2015 | World Journal of Pharmacology
 2011-2013 | Stem Cell Discovery
 2011-2012 | InTech Publishers
 2011-2013 | International Journal of Systems Biology and Biomedical Technologies
 2010-to date | Metabolism (**Associate Editor**) **impact factor 10.6**
 2009-to date | Advances and Perspectives in Cardiology (Greek Edition)
 2009-2010 | Current Pharmaceutical Design (**Executive Guest Editor**)
 2008-2014 | Central European Journal of Medicine (Section Editor for Genetics)

**REVIEWER IN
 PEER-REVIEW
 JOURNALS**

Acta Biochimica Polonica
 Annals of Internal Medicine
 Annals of Neurology (IF **11.274**)
 BMC BioMedical Engineering
 BMC Genomics
 British Journal of Cancer
 British Journal of Pharmacology (IF **9.473**)
 Canadian Journal of Physiology and Pharmacology
 Cardiovascular Research (IF 13,081)
 Cell and Tissue Research
 Clinical Genetics
 Clinical Nutrition
 Comparative Biochemistry and Physiology
 Current Pharmaceutical Design
 Current Topics in Medicinal Chemistry
 Diabetes Obesity and Metabolism
 DNA and Cell Biology
 Drug Design, Development and Therapy
 European Journal of Heart Failure (IF **17.349**)
 FASEB Journal
 Frontiers in Cardiovascular Medicine
 Frontiers Genetics
 Gene
 Global Cardiology Science and Practice
 Heliyon
 Hellenic Journal of Cardiology
 Human Molecular Genetics
 Institute of Electrical and Electronics Engineers (IEEE) conference papers
 International Journal of Genetic and Molecular Biology
 International Journal of Molecular Sciences

International Journal of Women's Health
 Journal of Addiction and Neuropharmacology
 Journal of the American College of Cardiology (JACC; **IF 27,203**)
 Journal of Applied Physiology
 Journal of Clinical Medicine
 Journal of Mechanical Engineering Research
 Journal of Molecular and Cellular Cardiology
 Journal of Neuroimmunology
 Mediators of Inflammation
 Medical Science Monitor
 Metabolism – Clinical and Experimental (IF **13.943**)
 Neuroimmunology
 Neuromuscular Disorders
 Neuropediatrics
 Nutrients
 Physiological Genomics
 PLoS ONE
 Prenatal Diagnosis
 Vascular Pharmacology
 World Journal of Biological Chemistry
 World Journal of Cardiology

**CONGRESS
 ORGANISATION**

- 2024 Principal organizer, Fondation Leducq "CURE-PLaN" Consortium meeting, 12th-14th September 2024, Aegeon Hotel, Sounio, Greece
- 2023 Principal organizer, Fondation Leducq "CURE-PLaN" Consortium meeting, 23rd-25th May 2023, Crowne Plaza, Athens, Greece
- 2022 Principal organizer, Fondation Leducq "CURE-PLaN" Consortium meeting, 26th-27th April 2022, Galaxy Hotel, Heraklion – Crete, Greece
- 2018 Central Organizing Committee, "International Symposium on Experimental and Clinical Cardiovascular Medicine", 17th-20th May 2018, Athens, Greece
- 2017 Organizing and Scientific committee, 2nd Systemic lupus erythematosus School, 1st-2nd December 2017, National Research Foundation, Athens, Greece
- 2016 Personalized Medicine-Policy and Economics Conference, 6th October 2016, Divani Caravel, Athens, Greece
- 2016 Conference Scientific Committee "NEUROTECHNIX2016 – International Congress on Neurotechnology, Electgronics and Informatics, 7-8th November, Porto, Portugal
- 2015 Conference Scientific Committee "NEUROTECHNIX2015 – International Congress on Neurotechnology, Electgronics and Informatics, 15-16th November, Lisbon, Portugal
- 2015 Conference Scientific Committee "CARDIOTECHNIX2015 – International Congress on Cardiovascular Technologies", 15-16th November, Lisbon, Portugal
- 2015 Conference Scientific Committee "Personalized Medicine and Innovation III", 29th October, Athenaeum Intercontinental Hotel, Athens, Greece.
- 2015 Curator for section "Health", Athens Science Festival Scientific Committee, 17-22nd March (33,000 attendees)
- 2014 Conference Scientific Committee "NEUROTECHNIX2014 – International Congress on Neurotechnology, Electgronics and Informatics, 25-26th October, Rome, Italy
- 2014 Conference Scientific Committee "CARDIOTECHNIX2014 – International Congress on Cardiovascular Technologies", 25-26th October, Rome, Italy
- 2014 Conference Scientific Committee "Personalized Medicine and Innovation II", Athenaeum Intercontinental Hotel, 29th October.
- 2014 General Assembly Organizing Committee, FP7-NEURINOX, 17-19th September 2014, Aegeon Hotel, Sounio
- 2013 Conference Scientific Committee "NEUROTECHNIX2013 – International Congress on Neurotechnology, Electgronics and Informatics, 18th-20th September, Algarve, Portugal
- 2013 Conference Scientific Committee "CARDIOTECHNIX2013 – International Congress

	on Cardiovascular Technologies”, 19th-21st September, Algarve, Portugal.
2012-2013	ESC Working Group on Cardiac Cellular Electrophysiology Conference Program Scientific Committee “37th EWGCCE /EHRA 2013”, 22nd-24th June, Athens, Greece
2011	Conference Program Scientific Committee “Biology in Education”, Athens, Greece
2010	Conference Program Committee “Bioinformatics 2010”, Biomedical Research Foundation of the Academy of Athens, Athens, Greece
2009	Head of Organizing and Scientific committee of the 1st National Pharmacogenomics Day conference, 6th May 2009, Biomedical Research Foundation of the Academy of Athens, Athens, Greece
2008-2009	Organizing committee, 2nd Conference of the Hellenic Proteomics Society, 30th March – 1st April 2009, Nafplio, Greece
2006-2008	Organizing Committee , Young Scientist Forum-Federation of European Biochemical Societies (FEBS) 2008
2006	Scientific Comiittee, National Conference on Bioinformatics and Medical Informatics, Biomedical Research Foundation of the Academy of Athens
TRAINING COURSE ORGANISATION	
2021-2024	Director of the International Early Career Investigator Training Program, Fondation Leducq “CURE-PLaN” Network
2018	Organizer and director of the “Precision Medicine” optional undergraduate course, Medical School, National and Kapodistrian University of Athens.
2017	“Biosciences: open your mind – change your world”, FP-7 NEURINOX high school outreach event, Biomedical Research Foundation of the Academy of Athens. (440 students)
2016	“Biosciences: open your mind – change your world”, FP-7 NEURINOX high school outreach event, Biomedical Research Foundation of the Academy of Athens. (430 students)
2015	Omics School, FP-7 NEURINOX training course, Biomedical Research Foundation of the Academy of Athens, 21-23 rd October 2015.
2015	“Biosciences: open your mind – change your world”, FP-7 NEURINOX high school outreach event, Biomedical Research Foundation of the Academy of Athens. 4 th March and 24 th November (410 students)
2014	“NOX pathways in neurodegenerative disease”, FP-7 NEURINOX Summer School, Biomedical Research Foundation of the Academy of Athens, 15-17 th September 2014.
2013	1-day Training in Basic Research Concepts, for the European Medical Student Association Twinning Project by Hellenic Medical Students' International Committee - HeIMSIC and the Ludwig Maximilian University of Munich, 28th March, Athens, Greece.
2012	1-day Training in Basic Research Concepts, European Medical Student Association Twinning Project by Hellenic Medical Students' International Committee - HeIMSIC and the Rotterdam University of the Netherlands, 28th March, Athens, Greece.
2011	1-day course on cancer epidemiology and research in Greece, for the Program for Global and Intercultural Experience for Undergraduates of the University of Michigan. Held in Athens, Greece.
2008-2010	4-month course (annually) “Advanced Topics in Biotechnology” for the MSc in Information Technologies in Medicine and Biology, Department of Informatics, University of Athens
2008-9	2-year course for Cardiologists, by the Hellenic Cardiological Society, 2 nd Molecular Cardiology Course, Athens, Greece
2007-to date	4-month course (annually) “Functional Genomics” for the MSc in Molecular Medicine, Department of Biology, Medical School, University of Athens
2006-7	2-year course for Cardiologists, by the Hellenic Cardiological Society, 1 st Molecular Cardiology Course, Athens, Greece
2004-to date	Founder and Director “High School Outreach Program” Biomedical Research Foundation of the Academy of Athens. Hosts approx. 350 students annually.
INVITED SPEAKER	85 Greek meetings/seminars, 78 International meetings, 15 public (<i>Annex II</i>)
SESSION CHAIR	10 International meetings, 10 Greek meetings (<i>Annex III</i>)

RESEARCH INTERESTS	
2003-to date	GENOMICS AND PHARMACOGENOMICS IN CARDIOVASCULAR DISEASE, WITH AN EMPHASIS ON IDENTIFYING MOLECULAR MECHANISMS OF PHYSIOLOGICAL AND PATHOLOGICAL FUNCTION, DISCOVERING NOVEL THERAPEUTIC TARGETS AND EVALUATING THE MOLECULAR EFFECTS OF NOVEL THERAPEUTIC COMPOUNDS.
2000-2003	GENOMICS OF NEUROMUSCULAR DISEASE – IDENTIFICATION OF NOVEL DIAGNOSTIC AND PROGNOSTIC BIOMARKERS / DISCOVERY OF NOVEL THERAPEUTIC TARGETS.
SCIENTIFIC EXPERTISE	Genomics, Pharmacogenomics, Genetics, Molecular Biology, Precision Medicine, Cardiac Biology
SCIENTIFIC SOCIETIES	
	Hellenic Pharmacology Society American Heart Association American Society of Human Genetics American College of Medical Genetics European Society of Human Genetics National Society for Genetic Counselors (USA) British Institute of Biology World Muscle Society Hellenic Cardiac Fund for Children (Boston) Hellenic Proteomics Society Hellenic Society of Medical Genetics Panhellenic Union for Biosciences
PATENTS	
2007	"The protein HAX-1 binds phospholamban, the primary regulator of cardiac function". No 20060100211 /1005699. Greek Patent Office.
PUBLIC DATABASES	
	Wikipedia, "CSRP3" , https://en.wikipedia.org/wiki/CSRP3 GenBank accession: FJ000070 Definition: Homo sapiens histidine rich calcium binding protein (HRC) gene, complete cds; and protein tyrosine phosphatase (PPFIA3) gene, partial sequence. Arvanitis DA, Sanoudou D, Kolokathis F, Vafiadaki E, Papalouka V, Kontrogianni-Konstantopoulos A, Theodorakis GN, Paraskevaidis IA, Adamopoulos S, Dorn GWII, Kremastinow DT, Kranias EG. GenBank accession: JN898958 Definition: Homo sapiens CSRP3 cysteine and glycine-rich protein 3 (cardiac LIM protein) isoform mRNA. Vafiadaki E, Papalouka V, Arvanitis DA, Terzis G, Spengos K, Kranias EG, Manta P, Sanoudou D.
PUBLICATIONS	Peer reviewed Publications in International Journals & Reports (total): 128 (Original research: 84 Reviews: 42 Reports: 2) Peer reviewed Publications in National Journals : 6 Books: 1 Chapters in Books: 10 (National) + 9 (International) Abstracts in Scientific Meetings: >231 (<i>Annex IV</i>)
H-INDEX (GOOGLE SCHOLAR)	48
CITATIONS (GOOGLE SCHOLAR):	7,282
PUBLICATIONS	FULL PUBMED LIST AVAILABLE HERE
PEER-REVIEW INTERNATIONAL JOURNALS	1) Griffin DK, Sanoudou D , Adamski E, McGiffert C, O'Brien P, Wienberg J, Ferguson-Smith MA. 1998. "Chromosome specific comparative genome hybridisation for determining the origin of intrachromosomal duplications". Journal of Medical Genetics, 35 (1); pp. 37-41. Impact Factor: 4.112 Citations: 24 2) Goike HM, Asplund AC, Pettersson EH, Liu L, Sanoudou D , Collins VP. "Acquired rearrangement of an amplified epidermal growth factor receptor (EGFR) gene in a human glioblastoma xenograft". Journal of Neuropathology and Experimental Neurology, 58 (7); pp. 697-701.

- 3) Ding X, **Sanoudou D**, Yang F, Chen H. 1999. "Determination of trisomy 9p by molecular cytogenetic technology". Chinese Journal of Medical Genetics, 16 (6); pp.383-385.
- 4) **Sanoudou D**, Tingby O, Ferguson-Smith MA, CollinsVP, Coleman N. 2000."Analysis of pilocytic astrocytoma by comparative genomic hybridization". British Journal of Cancer, 82 (6); pp. 1218-1222.
- Impact Factor: **3.742** Citations: **90**
- 5) Li YC, Lee C, **Sanoudou D**, Hsu TH, Li SY, Lin CC. 2000. "Interstitial colocalization of two cervid satellites DNAs involved in the genesis of the indian muntjac karyotype". Chromosome Research, 8 (5); pp. 363-373.
- Impact Factor: **2.346** Citations: **48**
- 6) Greenberg SA, **Sanoudou D**, Haslett JN, Kohane IS, Beggs AH, Kunkel LM, Amato AA. 2002. "Molecular Profiles of the Inflammatory Myopathies". Neurology, 59 (8); pp. 1170-1182.
- Impact Factor: **5.973** Citations: **158**
- 7) Ryan MM, Ilkovski B, Strickland CD, Schnell C, **Sanoudou D**, Midgett C, Houston R, Muirhead D, Dennett X, Shield LK, deGirolami U, Iannaccone ST, Laing NG, North KN, Beggs AH. 2003. "Clinical course correlates poorly with muscle pathology in Nemaline Myopathy".Neurology, 60 (4); pp. 665-673.
- Impact Factor: **5.973** Citations: **103**
- 8) Haslett JN, **Sanoudou D**, Kho A, Bennett RR, Greenberg SA, Kohane IS, Beggs AH, Kunkel LM. 2002."Gene expression comparison of biopsies from Duchenne muscular dystrophy and normal skeletal muscle". PNAS, 99 (23); pp. 15000-15005.
- Impact Factor: **10.700** Citations: **233**
- 9) **Sanoudou D**, Haslett JN, Kho A, Guo O, Gazda H, Greenberg SA, Lidov HGW, Kohane IS, Kunkel LM, Beggs AH. 2003. "Expression profiling reveals altered satellite cell numbers and glycolytic enzyme transcription in nemaline myopathy muscle". PNAS, 100 (8); pp. 4666-4671.
- Impact Factor: **10.700** Citations: **65**
- 10) Haslett JN, **Sanoudou D**, Kho A, Han M, Bennett RR, Kohane IS, Beggs AH, Kunkel LM. 2003. "Gene expression profiling of Duchenne muscular dystrophy skeletal muscle". Neurogenetics, 4(4):163-71.
- Impact Factor: **3.361** Citations: **67**
- 11) **Sanoudou D***, Nimgaonkar A*, Butte AJ, Haslett JN, Kunkel LM, Beggs AH, Kohane IS. 2003. "Reproducibility of gene expression across generations of Affymetrix microarrays". BMC Bioinformatics, 4 (1):27. **equal contribution*
- Impact Factor: **5.423** Citations: **84**
- 12) **Sanoudou D***, Mahler-Araujo MB*, Tingby O, Liu L, Ferguson-Smith MA, Coleman N, Ichimura K, Collins VP. 2003. "Structural genomic abnormalities of chromosome 9 and 18 in myxopapillary ependymomas". J Neuropathol Exp Neurol., 62(9):927-35. **equal contribution*
- Impact Factor: **5.037** Citations: **13**
- 13) **Sanoudou D**, Frieden LA, Haslett JN, Kho AT, Greenberg SA, Kohane IS, Kunkel LM, Beggs AH. 2004. "Molecular classification of nemaline myopathies:"non-typing" specimens exhibit unique patterns of gene expression". Neurobiology of disease, 15(3):590-600.
- Impact Factor: **5.153** Citations: **11**
- 14) **Sanoudou D**, Kang P, Haslett JN, Han M, Kunkel LM, Beggs AH. 2004. "The transcriptional profile of post mortem skeletal muscle". Physiological Genomics, 16(5):222-8.
- Impact Factor: **4.667** Citations: **38**
- 15) Tomczak K, Marinescu V, Ramoni M, **Sanoudou D**, Montanaro F, Han M, Kunkel LM, Kohane IS, Beggs AH. 2004. "Expression profiling and identification of novel genes involved in myogenic differentiation". FASEB J., 18(2):403-5.
- Impact Factor: **7.252** Citations: **150**
- 16) Liadaki K, Kho AT, **Sanoudou D**, Schienda J, Flint A, Beggs AH, Kohane IS, Kunkel LM. 2005. "Side population cells isolated from different tissues share transcriptome signatures and express tissue-specific markers". Experimental Cell Research, 303(2):360-374.
- Impact Factor: **4.007** Citations: **44**
- 17) Greenberg SA, Bradshaw E, Park P, Bureson T, **Sanoudou D**, Slaney M, Due B, Ericsson M, Tawil R, Barohn RJ, Saperstein DS, Briemberg HR, O'Connor K, Bregolli L, Pinkus GS, Pinkus JL, Amato AA. 2005. "Interferon- γ Mediated Innate Immune Mechanisms in Dermatomyositis". Annals of Neurology 57(5):664-78.

- Impact Factor: **8.097** Citations: **324**
- 18) Kang P, Kho AT, **Sanoudou D**, Haslett JN, Dow C, Han M, Blasko J, Lidov HGW, Beggs AH, Kunkel LM. 2004. "Variations in gene expression among different types of human skeletal muscle". *Muscle Nerve* 32(4):483-91.
- Impact Factor: **2.432** Citations: **23**
- 19) Haslett JN, Kang PB, Han M, Kho AT, **Sanoudou D**, Volinski JM, Beggs AH, Kohane IS, Kunkel LM. 2005. "The influence of muscle type and dystrophin deficiency on murine expression profiles". *Mamm Genome* 16(10):739-48.
- Impact Factor: **2.658** Citations: **32**
- 20) Barnés CM, Huang S, Kaipainen A, **Sanoudou D**, Chen EJ, Guo Y, Eichler G, Chung HY, Yu Y, Ingber DE, Mulliken JB, Beggs AH, Folkman J, Fishman SJ. 2005. "Evidence by Molecular Profiling for a Placental Origin of Infantile Hemangioma". *Proc Natl Acad Sci U S A*. 102(52):19097-19102.
- Impact Factor: **10.700** Citations: **180**
- 21) Gazda HT, Kho AT, **Sanoudou D**, Zaucha JM, Kohane IS, Sieff CA, Beggs AH. 2006. Defective Ribosomal Protein Gene Expression Alters Transcription, Translation, Apoptosis And Oncogenic Pathways In Diamond-Blackfan Anemia. *Stem Cells*, 24(9):2034-2044.
- Impact Factor: **5.500** Citations: **77**
- 22) **Sanoudou D**, Corbett MA, Han M, Ghoddusi M, Nguyen MT, Vlahovich N, Hardeman EC, Beggs AH. 2006. "Skeletal muscle repair in a mouse model of nemaline myopathy". *Human Molecular Genetics*, 15(17):2603-12.
- Impact Factor: **7.764** Citations: **39**
- 23) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kranias EG, Kontrogianni-Konstantopoulos A. 2006. "Phospholamban interacts with HAX-1, a mitochondrial protein with anti-apoptotic function". *Journal of Molecular Biology*, 367(1):65-79.
- Impact Factor: **5.229** Citations: **76**
- 24) Drosatos K, **Sanoudou D**, Kypreos EK, Kardassis D, Zannis VI. 2007. "A dominant negative form of the transcription factor c-Jun affects genes that have opposing effects on lipid homeostasis in mice". *Journal of Biological Chemistry*, 282(27):19556-64.
- Impact Factor: **5.865** Citations: **22**
- 25) Arvanitis DA, Vafiadaki E, Mitton B, Gregory KN, Kranias EG*, **Sanoudou D***. 2007. "Histidine-rich calcium binding protein a novel binding partner of SERCA2 in human heart". *American Journal of Physiology Heart and Circulatory Physiology*, 293(3):H1581-9. **equal contribution*
- Impact Factor: **3.568** Citations: **62**
- 26) Garbis S, Tyritzis S, Roumeliotis T, Zerefos P, Giannopoulou EG, Vlahou A, Kossida S, Diaz J, Vourekas S, Tamvakopoulos C, Pavlakis K, **Sanoudou D**, Constantinides C. 2008. "Search for potential markers for prostate cancer diagnosis, prognosis and treatment in clinical tissue specimens using amine-specific isobaric tagging (iTRAQ) with two-dimensional liquid chromatography and tandem mass spectrometry". *Journal of Proteome Research*, 7(8):3146-58.
- Impact Factor: **5.151** Citations: **82**
- 27) Arvanitis DA, **Sanoudou D**, Kolokathis F, Vafiadaki E, Papalouka V, Kontrogianni-Konstantopoulos A, Theodorakis GN, Paraskevidis I, Adamopoulos S, Dorn II GW, Kremastinos D, Kranias EG. 2008. "The Ser96Ala variant in histidine-rich calcium-binding protein is associated with life-threatening ventricular arrhythmias in idiopathic dilated cardiomyopathy". *European Heart Journal*, (20):2514-25.
- Impact Factor: **7.286** Citations: **39**
- 28) Vafiadaki E, Arvanitis DA, Pagakis SN, Papalouka V, **Sanoudou D**, Kontrogianni-Konstantopoulos A, Kranias EG. 2009. "The anti-apoptotic protein HAX-1 interacts with SERCA2 and regulates its protein levels to promote cell survival". *Molecular Biology of the Cell*, 20(1):306-18.
- Impact Factor: **5.942** Citations: **70**
- 29) Papalouka V, Arvanitis DA, Vafiadaki E, Mavroidis M, Papadodima SA, Spiliopoulou CA, Kremastinos DT, Kranias EG, **Sanoudou D**. 2009. "Muscle LIM protein interacts with cofilin 2 and regulates F-actin dynamics in cardiac and skeletal muscle." *Mol Cell Biol*. 2009 Nov;29(22):6046-58.
- Impact Factor: **6.420** Citations: **36**
- 30) Al-Qusairi L, Weiss N, Toussaint A, Berbey C, Messaddeq N, Kretz C, **Sanoudou D**, Beggs AH, Allard B, Mandel JL, Laporte J, Jacquemond V, Buj-Bello A. 2009. "T-tubule disorganization and defective excitation-contraction coupling in muscle fibers lacking myotubularin lipid phosphatase." *PNAS*. 2009 Nov 3;106(44):18763-8.

Impact Factor: **10.700** Citations: **98**

31) **Sanoudou D**, Duka A, Drosatos K, Hayes KC, Zannis VI. 2009. "Role of Esrrg in the fibrin-mediated regulation of lipid metabolism genes in human ApoA-I transgenic mice". *Pharmacogenomics J.* 2010 Jun;10(3):165-79.

Impact Factor: **5.435** Citations: **12**

32) Luo J, Schumacher M, Scherer A, **Sanoudou D**, Megherbi D, Davison T, Shi T, Tong W, Shi L, Hong H, Zhao C, Elloumi F, Shi W, Thomas R, Lin S, Tillinghast G, Liu G, Zhou Y, Herman D, Li Y, Deng Y, Fang H, Bushel P, Woods M, Zhang J. "A comparison of batch effect removal methods for enhancement of prediction performance using MAQC-II microarray gene expression data." *Pharmacogenomics J.* 2010 Aug;10(4):278-91.

Impact Factor: **5.435** Citations: **119**

33) Wang HS, Arvanitis DA, Dong M, Niklewski PJ, Zhao W, Lam CK, Kranias EG, **Sanoudou D**. "SERCA2a Superinhibition by Human Phospholamban Triggers Electrical and Structural Remodelling in Mouse Hearts". *Physiol Genomics.* 2011 Apr; 43(7):357-64.

Impact Factor: **4.667** Citations: **5**

34) Sakellariou A, **Sanoudou D**, Spyrou G. Investigating the minimum required number of genes for classification of neuromuscular disease microarray data. *IEEE – Transactions on Information Technology in Biomedicine* 2011 May;15(3):349-55.

Impact Factor: **1.978** Citations: **11**

35) Qian J, Vafiadaki E, Florea SM, Singh VP, Song W, Kung Lam C, Wang Y, Yuan Q, Pritchard TJ, Cai W, Haghighi K, Rodriguez P, Wang HS, **Sanoudou D**, Fan GC, Kranias EG. "Small Heat Shock Protein 20 Interacts With Protein Phosphatase-1 and Enhances Sarcoplasmic Reticulum Calcium Cycling". *Circ Res.* 2011 Jun 10;108(12):1429-38.

Impact Factor: **9.504** Citations: **41**

36) Psarras S, **Sanoudou D***, Mavroidis M*, Xanthou G*, Panoutsakopoulou V, Capetanaki Y. 2012. "Regulation of adverse remodelling by osteopontin in a genetic heart failure model". *Eur Heart J.* 2012 Aug;33(15):1954-63. **equal contribution*

Impact Factor: **7.286** Citations: **44**

37) Totary-Jain H, **Sanoudou D**, Dautriche CN, Schneller H, Zambrana L, Marks AR. 2012. "Rapamycin resistance is linked to defective regulation of Skp2". *Cancer Res.* 2012 Apr 1;72(7):1836-43.

Impact Factor: **7.856** Citations: **20**

38) Sakellariou A, **Sanoudou D**, Spyrou G. 2012. "Combining multiple hypothesis testing and affinity propagation clustering leads to accurate, robust and sample size independent classification on gene expression data". *BMC Bioinformatics.* 2012 Oct 17;13(1):270.

Impact Factor: **2.75** Citations: **6**

39) Totary-Jain H, **Sanoudou D**, Ben-Dov IZ, Dautriche CN, Guarnieri P, Marx SO, Tuschl T, Marks AR. "Reprogramming of the microRNA transcriptome mediates resistance to rapamycin". *Journal of Biological Chemistry.* 2013 Mar 1. 288(9):6034-44.

Impact Factor: **5.865** Citations: **20**

40) Vafiadaki E, Arvanitis DA, **Sanoudou D**, Kranias EG. "Identification of a Protein Phosphatase-1/Phospholamban Complex That Is Regulated by cAMP-Dependent Phosphorylation". *PLoS One.* 2013 Nov 14;8(11):e80867

Impact Factor: **4.411** Citations: **2**

41) Pitychoutis PM, **Sanoudou D**, Papandreou M, Nasias D, Kouskou M, Tomlinson CR, Tsonis PA, Papadopoulou-Daifoti Z. "Forced swim test induces divergent global transcriptomic alterations in the hippocampus of high versus low novelty-seeker rats". *Human Genomics.* 2014 Feb 25;8:4

Impact Factor: **3.385** Citations: **5**

42) Vafiadaki E, Arvanitis DA, Papalouka V, Terzis G, Roumeliotis TI, Spengos K, Garbis SD, Manta P, Kranias EG, **Sanoudou D**. "Muscle lim protein isoform negatively regulates striated muscle actin dynamics and differentiation". *FEBS Journal.* 2014 Jul;281(14):3261-79

Impact Factor: **4.001** Citations: **5**

43) Herrmann US, Sonati T, Falsig J, Reimann RR, Dametto P, O'Connor T, Li B, Lau A, Hornemann S, Sorce S, Wagner U, **Sanoudou D**, Aguzzi A. "Prion infections and anti-PrP antibodies trigger converging neurotoxic pathways". *PLoS Pathogens.* 2015 Feb 24;11(2):e1004662

Impact Factor: **8.057** Citations: **23**

44) Tzimas C, Terrovitis J, Lehnart SE, Kranias EG, **Sanoudou D**. "Calcium/calmodulin-dependent protein kinase II (CaMKII) inhibition ameliorates arrhythmias elicited by junctin ablation under stress conditions". *Heart Rhythm.* 2015 Jul;12(7):1599-610

Impact Factor: **5.076** Citations: **3**

- 45) Bibli SI, Andreadou I, Chatzianastasiou A, Tzimas C, **Sanoudou D**, Kranias E, Brouckaert P, Coletta C, Szabo C, Kremastinos DT, Iliodromitis EK, Papapetropoulos A. "Cardioprotection by H₂S engages a cGMP-dependent protein kinase G/phospholamban pathway". *Cardiovascular Research* 2015 Jun 1;106(3):432-42.

Impact Factor: **5.940** Citations: **19**

- 46) Karakikes I, Stillitano F, Nonnenmacher M, Tzimas C, **Sanoudou D**, Termglinchan V, Kong CW, Rushing S, Hansen J, Ceholski D, Kolokathis F, Kremastinos D, Katoulis A, Ren L, Cohen N, Gho JM, Tsiapras D, Vink A, Wu JC, Asselbergs FW, Li RA, Hulot JS, Kranias EG, Hajjar RJ. "Correction of human phospholamban R14del mutation associated with cardiomyopathy using targeted nucleases and combination therapy". *Nature Communications* 2015 Apr 29;6:6955.

Impact Factor: **11.47** Citations: **42**

- 47) Haghghi K, Pritchard TJ, Liu GS, Singh VP, Bidwell P, Lam CK, Vafiadaki E, Das P, Ma J, Kunduri S, **Sanoudou D**, Florea S, Vanderbilt E, Wang HS, Rubinstein J, Hajjar RJ, Kranias EG. "Human G109E-inhibitor-1 impairs cardiac function and promotes arrhythmias". *J Mol Cell Cardiol*. 2015 Dec;89(Pt B):349-59.

Impact Factor: **4.655** Citations: **3**

- 48) **Sanoudou D**, Kolokathis F, Arvanitis D, Al-Shafai K, Krishnamoorthy N, Buchan RJ, Walsh R, Tsiapras D, Barton PJ, Cook SA, Kremastinos D, Yacoub M. "Genetic modifiers to the PLN L39X mutation in a patient with DCM and sustained ventricular tachycardia?". *Glob Cardiol Sci Pract*. 2015 Jul 3;2015(2):29

- 49) Nuvolone M, Hermann M, Sorce S, Russo G, Tiberi C, Schwarz P, Minikel E, **Sanoudou D**, Pelczar P, Aguzzi A. "Strictly co-isogenic C57BL/6J-Prnp^{-/-} mice: A rigorous resource for prion science". *J Exp Med*. 2016 Mar 7;213(3):313-27.

Impact Factor: **12.515** Citations: **13**

- 50) Tsompanidis A, Vafiadaki E, Blüher S, Kaloizoumi G, Mantzoros CS*, **Sanoudou D***. "Ciliary neurotrophic factor upregulates follistatin and Pak1, causes overexpression of muscle differentiation related genes and downregulation of established atrophy mediators in skeletal muscle". *Metabolism*. 2016 Jun;65(6):915-25.

Impact Factor: **5.777** Citations: **3**

- 51) Pollak AJ, Haghghi K, Kunduri S, Arvanitis DA, Bidwell PA, Liu GS, Singh VP, Gonzalez DJ, **Sanoudou D**, Wiley SE, Dixon JE, Kranias EG. "Phosphorylation of serine96 of histidine-rich calcium-binding protein by the Fam20C kinase functions to prevent cardiac arrhythmia." *Proc Natl Acad Sci U S A*. 2017 Aug 22;114(34):9098-9103

- 52) Tzimas C, Johnson DM, Santiago DJ, Vafiadaki E, Arvanitis DA, Davos CH, Varela A, Athanasiadis NC, Dimitriou C, Katsimpoulas M, Sonntag S, Kryzhanovska M, Shmerling D, Lehnard SE, Sipido KR, Kranias EG, **Sanoudou D**. "Impaired calcium homeostasis is associated with sudden cardiac death and arrhythmias in a genetic equivalent mouse model of the human HRC-Ser96Ala variant". *Cardiovascular Research*, June 2017, <https://doi.org/10.1093/cvr/cvx113>.

Impact Factor: **5.878** Citations:

- 53) Sorce S, Stocker R, Seredenina T, Holmdahl R, Aguzzi A, Chio A, Depaulis A, Heitz F, Olofsson P, Olsson T, Duveau V, **Sanoudou D**, Skosgater S, Vlahou A, Wasquel D, Krause KH, Jaquet V. "NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the evidence?" *Free Radic Biol Med*. 2017 Nov;112:387-396.

- 54) Arvanitis DA, Vafiadaki E, Papalouka V, **Sanoudou D**. "Muscle Lim Protein binds Myosin Binding Protein C and through it regulates muscle differentiation". *Biochim Biophys Acta Mol Cell Res*. 2017 Dec;1864(12):2308-2321.

- 55) Liu GS, Zhu H, Cai WF, Wang X, Jiang M, Essandoh K, Vafiadaki E, Haghghi K, Lam CK, Gardner G, Adly G, Nicolaou P, **Sanoudou D**, Liang Q, Rubinstein J, Fan GC, Kranias EG. "Regulation of BECN1-mediated autophagy by HSPB6: Insights from a human HSPB6S10F mutant." *Autophagy*. 2018;14(1):80-97.

- 56) Bidwell PA, Liu GS, Nagarajan N, Lam CK, Haghghi K, Gardner G, Cai WF, Zhao W, Mugge L, Vafiadaki E, **Sanoudou D**, Rubinstein J, Lebeche D, Hajjar R, Sadoshima J, Kranias EG. "HAX-1 regulates SERCA2a oxidation and degradation." *J Mol Cell Cardiol*. 2018 Jan;114:220-233.

- 57) Chalatsa I, Arvanitis DA, Mikropoulou EV, Giagini A, Papadopoulou-Daifoti Z, Aligiannis N, Halabalaki M, Tzarbopoulos A, Skaltsounis LA, **Sanoudou D**. "Beneficial Effects of Sideritis scardica and Cichorium spinosum against Amyloidogenic Pathway and Tau Misprocessing in Alzheimer's Disease Neuronal Cell Culture Models." *J Alzheimers Dis*. 2018;64(3):787-800.

- 58) Kaloizoumi G, Kel-Margoulis O, Vafiadaki E, Greenberg D, Bernard H, Soreq H, Depaulis A*,

- Sanoudou D***. "Glial responses during epileptogenesis provide promising new therapeutic targets". *PLoS One*. 2018 Aug 16;13(8):e0201742.
- 59) Theofilatos D, Fotakis P, Valanti E, **Sanoudou D**, Zannis V, Kardassis D. "HDL-apoA-I induces the expression of angiopoietin like 4 (ANGPTL4) in endothelial cells via a PI3K/AKT/FOXO1 signaling pathway." *Metabolism*. 2018 Oct;87:36-47.
 - 60) Nana-Leventaki E, Nana M, Poulianitis N, Sampaziotis D, Perrea D, **Sanoudou D**, Rontogianni D, Malliaras K. "Cardiosphere-Derived Cells Attenuate Inflammation, Preserve Systolic Function, and Prevent Adverse Remodeling in Rat Hearts With Experimental Autoimmune Myocarditis." *J Cardiovasc Pharmacol Ther*. 2019 Jan;24(1):70-77.
 - 61) Chalatsa I, Arvanitis DA, Koulakiotis NS, Giagini A, Skaltsounis AL, Papadopoulou-Daifoti Z, Tsiropoulos A, **Sanoudou D**. "The Crocus sativus Compounds trans-Crocetin 4 and trans-Crocetin Modulate the Amyloidogenic Pathway and Tau Misprocessing in Alzheimer Disease Neuronal Cell Culture Models." *Front Neurosci*. 2019 Mar 26;13:249.
 - 62) Efentakis P, Varela A, Chavdoula E, Sigala F, **Sanoudou D**, Tenta R, Gioti K, Kostomitsopoulos N, Papapetropoulos A, Tasouli A, Farmakis D, Davos CH, Klinakis A, Suter T, Cokkinos DV, Iliodromitis EK, Wenzel P, Andreadou I. "Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose-dependent manner: implications for inotropy." *Cardiovasc Res*. 2020 Mar 1;116(3):576-591.
 - 63) Sorce S, Nuvolone M, Russo G, Chincisan A, Heinzer D, Avar M, Pfammatter M, Schwarz P, Delic M, Müller M, Hornemann S, **Sanoudou D**, Scheckel C, Aguzzi A. "Genome-wide transcriptomics identifies an early preclinical signature of prion infection." *PLoS Pathog*. 2020 Jun 29;16(6):e1008653. doi: 10.1371/journal.ppat.1008653.
 - 64) Vafiadaki E, Arvanitis DA, Eliopoulos AG, Kranias EG, **Sanoudou D**. "The Cardioprotective PKA-Mediated Hsp20 Phosphorylation Modulates Protein Associations Regulating Cytoskeletal Dynamics." *Int J Mol Sci*. 2020 Dec 16;21(24):9572.
 - 65) Sousonis V, Sfakianaki T, Ntalianis A, Nanas I, Kontogiannis C, Aravantinos D, Kapelios C, Katsaros L, Nana M, Sampaziotis D, **Sanoudou D**, Papalois A, Malliaras K. "Intracoronary Administration of Allogeneic Cardiosphere-Derived Cells Immediately Prior to Reperfusion in Pigs With Acute Myocardial Infarction Reduces Infarct Size and Attenuates Adverse Cardiac Remodeling." *J Cardiovasc Pharmacol Ther*. 2021 Jan;26(1):88-99.
 - 66) Gkolfinopoulou C, Soukou F, Dafnis I, Kellici TF, **Sanoudou D**, Mavromoustakos T, Stratikos E, Chroni A. "Structure-function analysis of naturally occurring apolipoprotein A-I L144R, A164S and L178P mutants provides insight on their role on HDL levels and cardiovascular risk." *Cell Mol Life Sci*. 2021 Feb;78(4):1523-1544.
 - 67) Gkouskou K, Vasilogiannakopoulou T, Andreacos E, Davanos N, Gazouli M, **Sanoudou D**, Eliopoulos AG. "COVID-19 enters the expanding network of apolipoprotein E4-related pathologies." *Redox Biol*. 2021 May;41:101938. doi: 10.1016/j.redox.2021.101938.
 - 68) Haghghi K, Gardner G, Vafiadaki E, Kumar M, Green LC, Ma J, Crocker JS, Koch S, Arvanitis DA, Bidwell P, Rubinstein J, van de Leur R, Doevendans PA, Akar FG, Tranter M, Wang HS, Sadayappan S, DeMazumder D, **Sanoudou D**, Hajjar RJ, Stillitano F, Kranias EG. "Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias." *J Pers Med*. 2021 Jun 3;11(6):502. doi: 10.3390/jpm11060502.
 - 69) Manolesou DG, Korompili G, Davazoglou D, Lazaris AM, Schizas D, Sanoudou D, Liakakos T, Tsioufis C, Papaioannou TG. "Precision Medicine in Aortic Anastomosis: A Numerical and Experimental Study of a Novel Double-Sided Needle." *J Pers Med*. 2021 Dec 20;11(12):1385. doi: 10.3390/jpm11121385.
 - 70) Gkouskou KK, Grammatikopoulou MG, Lazou E, **Sanoudou D**, Goulis DG, Eliopoulos AG. "Genetically-Guided Medical Nutrition Therapy in Type 2 Diabetes Mellitus and Pre-diabetes: A Series of n-of-1 Superiority Trials." *Front Nutr*. 2022 Feb 21;9:772243. doi: 10.3389/fnut.2022.772243
 - 71) Valanti E, Vafiadaki E, Fotakis P, Theofilatos D, Kardassis D, Chroni A, Zannis VI, **Sanoudou D**. "Reconstituted HDL containing apolipoprotein E3 increases migration of human endothelial cells through activation of RAC1-GTP/P38-MAPK, PI3K/AKT and ERK1/2 pathways". *Metabolism*. 2022 Feb;127:154954. doi: 10.1016/j.metabol.2021.154954.
 - 72) Karatzas E, Baltoumas FA, Kasionis I, **Sanoudou D**, Eliopoulos AG, Theodosiou T, Iliopoulos I, Pavlopoulos GA. "Darling: A Web Application for Detecting Disease-Related Biomedical Entity Associations with Literature Mining." *Biomolecules*. 2022 Mar 30;12(4):520. doi: 10.3390/biom12040520.
 - 73) Brandenburg S, Pawlowitz J, Steckmeister V, Subramanian H, Uhlenkamp D, Scardigli M,

Mushtaq M, Amlaz SI, Kohl T, Wegener JW, Arvanitis DA, **Sanoudou D**, Sacconi L, Hasenfuß G, Voigt N, Nikolaev VO, Lehnart SE. "A junctional cAMP compartment regulates rapid Ca²⁺ signaling in atrial myocytes." *J Mol Cell Cardiol*. 2022 Apr;165:141-157. doi: 10.1016/j.yjmcc.2022.01.003

- 74) Gkouskou KG, Georgiopoulos G, Vlastos I, Lazou E, Chaniotis D, Papaioannou TG, Mantzoros CS, **Sanoudou D**, Eliopoulos AG. CYP1A2 polymorphisms modify the association of habitual coffee consumption with appetite, macronutrient intake, and body mass index: results from an observational cohort and a cross-over randomized study. *Int J Obes (Lond)*. 2022 Jan;46(1):162-168. doi: 10.1038/s41366-021-00972-6.
- 75) Vafiadaki E, Haghighi K, Arvanitis D, Kranias EG, **Sanoudou D**. "Aberrant PLN-R14del protein interactions underlie impaired Ca²⁺ handling and arrhythmogenesis". *Int. J. Mol. Sci.* 2022, 23, 6947. doi.org/10.3390/ijms23136947
- 76) Alshamari M, Kourek C, **Sanoudou D**, Delis D, Dimopoulos S, Rovina N, Nanas S, Karatzanos E, Philippou A. "Does the addition of strength training to a high-intensity interval training program benefit more the patients with chronic heart failure?". *J Cardiovasc Med Biol*. *Accepted*.
- 77) Rogalska M, Vafiadaki E, Erpapazoglou Z, Haghighi K, Green L, Mantzoros CS, Hajjar RJ, Tranter M, Kranias EG, Stillitano F, Kafasla P, **Sanoudou D**. "Right ventricle-specific isoform changes in action potential regulators present in arrhythmogenic phospholamban-R14del hearts". *Metabolism*. 2023 Jan;138:155344. doi: 10.1016/j.metabol.2022.155344
- 78) Nasiri-Ansari N, Spilioti E, Kyrou I, Kalotychoy V, Chatzigeorgiou A, Sanoudou D, Dahlman-Wright K, Randevas HS, Papavassiliou AG, Moutsatsou P, Kassi E. Estrogen Receptor Subtypes Elicit a Distinct Gene Expression Profile of Endothelial-Derived Factors Implicated in Atherosclerotic Plaque Vulnerability. *Int J Mol Sci*. 2022 Sep 19;23(18):10960. doi: 10.3390/ijms231810960.
- 79) Mishra N, Aden K, Blase JI, Baran N, Bordoni D, Tran F, Conrad C, Avalos D, Jaeckel C, Scherer M, Sørensen SB, Overgaard SH, Schulte B, Nikolaus S, Rey G, Gasparoni G, Lyons PA, Schultze JL, Walter J, Andersen V; SYSCID Consortium; Dermitzakis ET, Schreiber S, Rosenstiel P. Longitudinal multi-omics analysis identifies early blood-based predictors of anti-TNF therapy response in inflammatory bowel disease. *Genome Med*. 2022 Sep 24;14(1):110. doi: 10.1186/s13073-022-01112-z.
- 80) Angelidi A, **Sanoudou D**, Mantzoros CS. "Cardiometabolic changes following pharmacological versus surgical therapeutic approaches in obese individuals". *Metabolism*. 2023 Jan;138:155346. doi: 10.1016/j.metabol.2022.155346.
- 81) Grammatikopoulou MG, Skoufas E, Kanellakis S, **Sanoudou D**, Pavlopoulos GA, Eliopoulos AG, Gkouskou KK. Ageotypes revisited: The brain and central nervous system dysfunction as a major nutritional and lifestyle target for healthy aging. *Maturitas*. 2023 Apr;170:51-57. doi: 10.1016/j.maturitas.2023.01.013.
- 82) Klocke B, Britzolaki A, Saurine J, Ott H, Krone K, Bahamonde K, Thelen C, Tzimas C, Sanoudou D, Kranias EG, Pitychoutis PM. A novel role for phospholamban in the thalamic reticular nucleus. *Sci Rep*. 2024 Mar 16;14(1):6376. doi: 10.1038/s41598-024-56447-x.
- 83) Krithara A, Nentidis A, Vandorou E, Katsimpras G, Almirantis Y, Arnal M, Bunevicius A, Farre-Maduell E, Kassiss M, Konstantakos V, Matis-Mitchell S, Polychronopoulos D, Rodriguez-Pascual J, Samaras EG, Samiotaki M, Sanoudou D, Vozi A, Paliouras G. BioASQ Synergy: A Dialogue between QA systems and biomedical experts for promoting COVID-19 research. *J Am Med Inform Assoc*. 2024 Aug 24;ocae232. doi: 10.1093/jamia/ocae232.

**PEER-REVIEW
INTERNATIONAL
JOURNALS
REVIEWS**

- 1) **Sanoudou D**, Beggs A. 2001. "Clinical and genetic heterogeneity in Nemaline Myopathy a disease of skeletal muscle thin filaments". *Trends in Molecular Medicine (formerly Molecular Medicine Today)*, 7 (8); pp. 362-368. Impact Factor: **7.497** Citations: **137**
- 2) **Sanoudou D**, Vafiadaki E, Arvanitis D, Kranias EG, Kontrogianni-Konstantopoulos A. 2005. "Array lessons from the heart: focus on the genome and transcriptome of cardiomyopathies". *Physiological Genomics* 21(2):131-43. Impact Factor: **4.667** Citations: **33**
- 3) Vafiadaki E, Papalouka V, Arvanitis DA, Kranias EG, **Sanoudou D**. 2008. "The role of SERCA2a/PLN complex, Ca²⁺ homeostasis and anti-apoptotic proteins in determining cell fate". *Pflügers Archiv European Journal of Physiology*, 457(3):687-700. Impact Factor: **4.807** Citations: **43**
- 4) Mountzios G, Dimopoulos MA, Soria JC, **Sanoudou D**, Papadimitriou CA. "Histopathologic and genetic alterations as predictors of response to treatment and survival in lung cancer: A review of

published data." Crit Rev Oncol Hematol. 2010 Aug;75(2):94-109

Impact Factor: **5.269** Citations: **41**

- 5) **Sanoudou D.** "Pharmacogenomics: achievements, challenges and prospects, for patients, pharmaceutical industries and healthcare systems". Curr Pharm Des. 2010;16(20):2182-3
Impact Factor: **4.414** Citations: **2**
- 6) Vafiadaki E, Arvanitis DA, Kranias EG, **Sanoudou D.** "Pharmacogenetically tailored treatments for heart disease". Curr Pharm Des. 2010;16(20):2194-213.
Impact Factor: **4.414** Citations: **3**
- 7) **Sanoudou D***, Mountzios G*, Syrigos KN. 2010. "Clinical pharmacogenetics in oncology: the paradigm of molecular targeted therapies". Pharmacogenomics J. 2012 Jun;12(3):185-96. **equal contribution*
(in June 2014 was rated in the "Top 20 Articles", in the Domain of Article 22249357, Since its Publication (2012) by www.WIPIMD.com
Impact Factor: **5.134** Citations: **10**
- 8) Vujasinovic T, Zampera AS, Jackers P, **Sanoudou D**, Depaulis A. 2010. In silico dynamic molecular interaction networks for the discovery of new therapeutic targets". Curr Pharm Des. 2010;16(20):2241-51.
Impact Factor: **4.414** Citations: **3**
- 9) Arvanitis DA, Vafiadaki E, Gregory KN, **Sanoudou D**, Kranias EG. 2011. "The histidine-rich calcium binding protein in regulation of sarcoplasmic reticulum calcium uptake and release". Journal of Molecular and Cellular Cardiology. 2011 50(1):43-9.
Impact Factor: **4.965** Citations: **16**
- 10) **Sanoudou D**, Mountzios G, Arvanitis DA, Pectasides D. "Array-based pharmacogenomics of molecular-targeted therapies in oncology". The Pharmacogenomics Journal. 2012 12(3):185-96.
Impact Factor: **5.435** Citations: **9**
- 11) Kassem HS, Girolami F, **Sanoudou D.** "Molecular genetics made simple". Global Cardiology Science and Practice. 2012 Jul 4;2012(1):6
Citations: **3**
- 12) Kalozoumi G, Tzimas C, **Sanoudou D.** "The expanding role of epigenetics". Global Cardiology Science and Practice. 2012(1): 1-18.
Citations: **5**
- 13) Migliore F, El Maghawry M, Mohammed N, **Sanoudou D**, Alhashemi M. "Science and Practice of Arrhythmogenic Cardiomyopathy, a Paradigm Shift". Global Cardiology Science and Practice. 2013 Nov 1;2013(1):63-79
Citations: **1**
- 14) Pitychoutis PM, Kokras N, **Sanoudou D**, Dalla C, Papadopoulou-Daifoti Z. "Pharmacogenetic considerations for late life depression therapy". Expert Opin Drug Metab Toxicol. 2013 Aug;9(8):989-99.
Impact Factor: **2.944**
- 15) Valanti E, Tsompanidis A, **Sanoudou D.** "Pharmacogenomics in the development and characterization of atheroprotective drugs". Methods Mol Biol. 2014;1175:259-300
Citations: **5**
- 16) Kalozoumi G, Yacoub M, **Sanoudou D.** "MicroRNAs in heart failure: Small molecules with major impact". Global Cardiology Science and Practice. 2014 Jun 18;2014(2):79-102
Citations: **22**
- 17) Kaldara E, **Sanoudou D**, Adamopoulos S, Nanas JN. "Outpatient management of chronic heart failure". Expert Opinion Pharmacotherapy. 2015 Jan;16(1):17-41
Impact Factor: **3.534** Citations: **3**
- 18) Vafiadaki E, Arvanitis DA, **Sanoudou D.** "Muscle LIM Protein: Master regulator of cardiac and skeletal muscle functions". Gene. 2015 Jul 15;566(1):1-7
Impact Factor: **2.138** Citations: **4**
- 19) Bourdenx M, Koulakiotis NS, **Sanoudou D**, Bezard E, Dehay B, Tzarbopoulos A. "Protein aggregation and neurodegeneration in prototypical neurodegenerative diseases: Examples of amyloidopathies, tauopathies and synucleinopathies". Progress in Neurobiology 2015 Jul 21. pii: S0301-0082(15)00077-5.
Impact Factor: **9.992** Citations: **21**
- 20) Sorce S, Stocker R, Seredenina T, Holmdahl R, Aguzzi A, Chio A, Depaulis A, Heitz F, Olofsson P, Olsson T, Duveau V, **Sanoudou D**, Skosgater S, Vlahou A, Wasquel D, Krause KH, Jaquet V. "NADPH oxidases as drug targets and biomarkers in neurodegenerative diseases: What is the

- evidence?" *Free Radic Biol Med*. 2017 Nov;112:387-396.
- 21) Abou-Saleh H, Zouein FA, El-Yazbi A, **Sanoudou D**, Raynaud C, Rao C, Pintus G, Dehaini H, Eid AH. "The march of pluripotent stem cells in cardiovascular regenerative medicine." *Stem Cell Res Ther*. 2018 Jul 27;9(1):201. doi: 10.1186/s13287-018-0947-5.
 - 22) Arvanitis DA, Vafiadaki E, Johnson DM, Kranias EG, **Sanoudou D**. "The Histidine-Rich Calcium Binding Protein in Regulation of Cardiac Rhythmicity." *Front Physiol*. 2018 Sep 27;9:1379. doi: 10.3389/fphys.2018.01379.
 - 23) Valanti EK, Dalakoura-Karagkouni K, **Sanoudou D**. "Current and Emerging Reconstituted HDL-apoA-I and HDL-apoE Approaches to Treat Atherosclerosis." *J Pers Med*. 2018 Oct 3;8(4):34. doi: 10.3390/jpm8040034.
 - 24) Papaioannou TG, Kalantzis C, Katsianos E, **Sanoudou D**, Vavuranakis M, Tousoulis D. "Personalized Assessment of the Coronary Atherosclerotic Arteries by Intravascular Ultrasound Imaging: Hunting the Vulnerable Plaque." *J Pers Med*. 2019 Jan 24;9(1):8. doi: 10.3390/jpm9010008.
 - 25) Hof IE, van der Heijden JF, Kranias EG, **Sanoudou D**, de Boer RA, van Tintelen JP, van der Zwaag PA, Doevendans PA. "Prevalence and cardiac phenotype of patients with a phospholamban mutation." *Neth Heart J*. 2019 Feb;27(2):64-69. doi: 10.1007/s12471-018-1211-4.
 - 26) Valanti EK, Chroni A, **Sanoudou D**. "The future of apolipoprotein E mimetic peptides in the prevention of cardiovascular disease." *Curr Opin Lipidol*. 2019 Aug;30(4):326-341.
 - 27) Valanti EK, Dalakoura-Karagkouni K, Siasos G, Kardassis D, Eliopoulos AG, **Sanoudou D**. "Advances in biological therapies for dyslipidemias and atherosclerosis." *Metabolism*. 2021 Mar;116:154461. doi: 10.1016/j.metabol.2020.154461.
 - 28) Gkouskou KK, Grammatikopoulou MG, Vlastos I, **Sanoudou D**, Eliopoulos AG. "Genotype-guided dietary supplementation in precision nutrition." *Nutr Rev*. 2021 Oct 11;79(11):1225-1235.
 - 29) Leptidis S, Papakonstantinou E, Diakou KI, Pierouli K, Mitsis T, Dragoumani K, Bacopoulou F, **Sanoudou D**, Chrousos GP, Vlachakis D. "Epitranscriptomics of cardiovascular diseases." *Int J Mol Med*. 2022 Jan;49(1):9. doi: 10.3892/ijmm.2021.5064.
 - 30) **Sanoudou D**, Hill MA, Belanger MJ, Arao K, Mantzoros CS. "Editorial: Obesity, metabolic phenotypes and COVID-19." *Metabolism*. 2022 Mar;128:155121. doi: 10.1016/j.metabol.2021.155121.
 - 31) Stouras I, Papaioannou TG, Tsioufis K, Eliopoulos AG, **Sanoudou D**. "The Challenge and Importance of Integrating Drug-Nutrient-Genome Interactions in Personalized Cardiovascular Healthcare." *J Pers Med*. 2022 Mar 22;12(4):513. doi: 10.3390/jpm12040513.
 - 32) Muzurović E, Peng CC, Belanger MJ, **Sanoudou D**, Mikhailidis DP, Mantzoros C. "Nonalcoholic Fatty Liver Disease and Cardiovascular Disease: a Review of Shared Cardiometabolic Risk Factors." *Hypertension*. 2022 Apr 25:101161HYPERTENSIONAHA12217982. doi: 10.1161/HYPERTENSIONAHA.122.17982.
 - 33) **Sanoudou D**, Gkouskou KK, Eliopoulos AG, Mantzoros CS. Epitranscriptomic challenges and promises in metabolic diseases. *Metabolism*. 2022 Jul;132:155219. doi: 10.1016/j.metabol.2022.155219.
 - 34) Papaioannou TG, **Sanoudou D**, Tsioufis C. Continuous glucose monitoring and hypoglycaemia events: unmet needs. *Diabetologia*. 2022 Jun 23. doi: 10.1007/s00125-022-05739-w.
 - 35) **Sanoudou D**, Mantzoros CS, Hill MA. Sodium-glucose cotransporter-2 inhibitors: A treatment option for recurrent vasovagal syndrome? *Metabolism*. 2022 Dec;137:155309. doi: 10.1016/j.metabol.2022.155309.
 - 36) Polyzos SA, Hill MA, Fuleihan GE, Gnudi L, Kim YB, Larsson SC, Masuzaki H, Matarese G, **Sanoudou D**, Tena-Sempere M, Mantzoros CS. Metabolism, Clinical and Experimental: seventy years young and growing. *Metabolism*. 2022 Dec;137:155333. doi: 10.1016/j.metabol.2022.155333.
 - 37) Vafiadaki E, Glijnis PC, Doevendans PA, Kranias EG, **Sanoudou D**. Phospholamban R14del disease: The past, the present and the future. *Front Cardiovasc Med*. 2023 Apr 18;10:1162205. doi: 10.3389/fcvm.2023.1162205.
 - 38) Valenzuela-Vallejo L, **Sanoudou D**, Mantzoros CS. Precision Medicine in Fatty Liver Disease/Non-Alcoholic Fatty Liver Disease. *J Pers Med*. 2023 May 14;13(5):830. doi: 10.3390/jpm13050830.
 - 39) Morales A, Goehringer J, **Sanoudou D**. Evolving cardiovascular genetic counseling needs in the era of precision medicine. *Front Cardiovasc Med*. 2023 Jun 23;10:1161029. doi: 10.3389/fcvm.2023.1161029.
 - 40) Vafiadaki E, Turnbull IC, Sanoudou D. Therapeutic Targets and Personalized Medicine in Cardiac

Disease. *J Pers Med*. 2023 Oct 26;13(11):1534. doi: 10.3390/jpm13111534.

- 41) Gkouskou KK, Grammatikopoulou MG, Lazou E, Vasilogiannakopoulou T, Sanoudou D, Eliopoulos AG. A genomics perspective of personalized prevention and management of obesity. *Hum Genomics*. 2024 Jan 29;18(1):4. doi: 10.1186/s40246-024-00570-3.
- 42) Lepenos T, Sanoudou D, Protogerou A, Laios K, Androutsos G, Karamamou M. Louis Pasteur (1822-1895), Ignaz Semmelweis (1818-1865), Joseph Lister (1827-1912) and the Link Between Their Works Toward the Development of Antisepsis: A Narrative Review. *Cureus*. 2024 Jun 17;16(6):e62543. doi: 10.7759/cureus.62543.
- 43) Angelidi AM, Sanoudou D, Hill MA, Mantzoros CS. Management of patients with the cardio renal liver metabolic syndrome: The need for a multidisciplinary approach in research, education and practice. *Metabolism*. 2024 Oct;159:155997. doi: 10.1016/j.metabol.2024.155997.

REPORTS

- 1) **Sanoudou D**. 2001. "Genetic advances and their implications in the 21st century". Research Institute for European and American Studies (RIEAS), 82 (March).
- 2) Haghghi K, **Sanoudou D**, Kranias EG. 2011. "Calcium Cycling in Cardiac Physiology and Pathophysiology". *World Hellenic Biomedical News*. 2011 II(2): 6-12.

PEER REVIEW GREEK JOURNALS

- 1) **Sanoudou D**, Arvanitis DA, Vafiadaki E, Papandreou ME, Kremastinos D. 2011. "The role of microRNAs in Cardiology". *Advances and Perspectives in Cardiology Journal*. 2011 6(2): 147-155.
 - 2) Arvanitis DA, Vafiadaki E, Kranias EG, **Sanoudou D**. 2011. "Genetic polymorphisms and CYP450 drug metabolism in Cardiology". *Advances and Perspectives in Cardiology Journal*. 2011 6(2): 157-165.
 - 3) Arvanitis DA, Vafiadaki E, Kranias EG, **Sanoudou D**. 2011. "Warfarin pharmacogenomics". *Advances and Perspectives in Cardiology Journal*. 2011 6(2): 167-174.
 - 4) Vafiadaki E, Arvanitis DA, Kolokathis F, **Sanoudou D**. 2011. "Cardiogenomics and the discovery of novel therapeutic targets". *Advances and Perspectives in Cardiology Journal*. 6(2): 175-186.
 - 5) Kalozoumi G, **Sanoudou D**. 2012. "Micro-RNAs in cardiovascular disease (CVD): new biomarkers and novel applications for CVD prevention & treatment". *Hospital Chronicles*, 7(1): 9-15.
- Citations: 2
- 6) **Sanoudou D**, Kalozoumi G, Terrovitis J. 2013. "Epigenetics in Cardiology". *Developments 2013 Perspectives 2014 in Cardiology*, Volume 8, annual edition 2013; pp181-186.

CHAPTERS IN BOOKS INTERNATIONAL

- 1) **Sanoudou D**, Mantzoros CS. Genetics of diabetes and obesity. In: Mantzoros C (editor). *Obesity and Diabetes*. Humana Press, Inc, Totowa, NJ 2006;39-68.
- 2) **Sanoudou D**, Mantzoros CS. Genetics of diabetes and obesity. In: Mantzoros C (editor). *Obesity and Diabetes*. 2nd Edition, IA Daskalopoulos Foundation, 2006;39-68.
- 3) Vafiadaki E, Mantzoros CS, **Sanoudou D**. Genes and gene-environment interactions in the pathogenesis of obesity and the metabolic syndrome, in Mantzoros CS (Editor), *Nutrition and Metabolism*, IA Daskalopoulos Foundation, 2007: 11-48.
- 4) Vafiadaki E, Mantzoros CS, **Sanoudou D**. "Genes and gene-environment interactions in the pathogenesis of obesity and the metabolic syndrome", in Mantzoros CS (Editor), *Nutrition and Metabolism*, Humana Press, Inc, Totowa, NJ 2008.
- 5) Zannis VI, Duka A, Drosatos K, **Sanoudou D**, Koukos G, Zanni E, Kardassis D. 2010. "Regulation of ApoA-I Gene Expression and Prospects to Increase Plasma ApoA-I and HDL Levels", in *High Density Lipoproteins, Dyslipidemia, and Coronary Heart Disease* by Schaefer EJ, Springer editions. In Press.
- 6) Pitychoutis PM, **Sanoudou D**, Dalla C, Papadopoulou-Daifoti Z. 2012. "Neuropharmacogenetics of major depression: has the time come to take both sexes into account?" in *Clinical applications of pharmacogenetics* by Sanoudou D. InTech, Croatia. p 167-182.
- 7) Valanti E, Tsompanidis A, **Sanoudou D**. 2013. "Pharmacogenomics in the development and characterization of atheroprotective drugs". In *Pharmacogenomics in Drug Discovery and Development*, Series: Methods in Molecular Biology, Yan Qing (Ed.), Springer editions. Humana Press, Springer, Science and Business Media, New York. ISBN 978-1-4939-0956-8
- 8) **Sanoudou D**, Tousoulis D, Cokkinos DV. 2015. "The Role of microRNAs in Cardiovascular Disease", in *Introduction to Translational Cardiovascular Research* by Cokkinos DV. Springer

International Publishing, Switzerland. ISBN 978-3-319-08798-6

- 9) Haghghi K, **Sanoudou D**, Kranias EG. 2015. "Calcium Cycling Circuits in Cardiac Physiology and Pathophysiology", in Introduction to Translational Cardiovascular Research by Cokkinos DV. Springer International Publishing, Switzerland. ISBN 978-3-319-08798-6
 - 10) Sanoudou D, Goehringer J, Molares A. 2025. "'Genetic Counselling - Navigating the Future". IntechOpen, UK. ISBN 978-0-85466-834-2.
- GREEK
- 11) **Sanoudou D**. "Animal Models in Heart Failure". Continuing education in Molecular Cardiology Text Book, 2006. pp. 45-58.
 - 12) **Sanoudou D**. "Cell and Gene Therapy in Heart Failure". Continuing education in Molecular Cardiology Text Book, 2006. pp. 59-68.
 - 13) Tserga A, Papalouka V, **Sanoudou D**. 2008. Principles of Molecular Biology and Genetics in Cardiology". Cardiology Textbook by Professor Kremastinos. Paschalidis editions
 - 14) Papalouka V, Kranias EG, **Sanoudou D**. 2008. "Molecular Biology and Genetics Techniques in Cardiology". Cardiology Textbook by Professor Kremastinos. Paschalidis editions, Athens, Greece.
 - 15) Vorkas P, **Sanoudou D**. "Microarrays in Oncology for better diagnostics, prognostics and pharmacogenomics". Oncology in Primary Healthcare, Editor: C. Syrigos, December 2008, p. 147-152.
 - 16) Dalla C, Pitychoutis P, **Sanoudou D**, Papadopoulou-Daifoti Z. 2011. "The Neurobiological substrate of psychoses: implications in developing new treatments". Clinical Psychopharmacology: latest advances by Professor K. Soldatos and D. Dikeos. Vita editions, Athens, Greece. p 3-21
 - 17) Pitychoutis P, Dalla C, **Sanoudou D**, Papadopoulou-Daifoti Z. 2011. "Pharmacology of nicotine addiction". Lung Cancer Atlas by Prof. K. Syrigos. Parisianos editions, Athens, Greece.
 - 18) **Sanoudou D**, Rizos E, Dikeos D. 2012. "Pharmacogenetics" in Modern Psychiatry by Papadimitriou G, Liappa IA and Lykoura EP. Vita editions, Athens, Greece.
 - 19) Valanti E, Mountzios G, **Sanoudou D**. 2012. "Genetic predisposition for solid tumor development in young adults", in Solid Tumors in Young Adults – Dilemmas of Contemporary Oncology by Kentepozidis N and Mountzios I. Hellenic Oncology Society Press, Athens, Greece. p 33-44.
 - 20) **Sanoudou D**, Haghghi K, Kranias EG. 2012. "Calcium Cycling in Cardiac Physiology and Pathophysiology". Cardiology Book in the Honour of Professor D. Cokkinos. Parisianos editions. p 435-439.
 - 21) **Sanoudou D**. 2017. "Personalized medicine in Cardiology". Heart and Blood Vessels by J. Lekakis. Parisianos editions.

ANNEX I-V

ANNEX I	SUPERVISOR / ADVISOR/ EVALUATOR
POST-DOC FELLOWS	
2015-2016	DANAI PAPAIOANNOU
2013-2014	MARIOS KROKIDIS
2013-2017	IOANNA CHALATSA
2013-2015	ATHINA GIAGINI
2012-2013	POTHITOS PITYCHOUTIS
2010-2011	ELIAS KATSOULIERIS
2010-2017	CHRISTOS TZIMAS
2005-to date	ELIZABETH VAFIADAKI
2003-2022	DEMETRIOS ARVANITIS
PHD THESES	PRINCIPAL SUPERVISOR
2021-to date	Stamatia Liarmakopoulou, "Metagenomic analysis of the reproductive tract of infertile women". Medical School, National and Kapodistrian University of Athens
2014-2021	Efi Valanti, "Development of new molecular therapeutic approaches against cardiovascular disease". Medical School, National and Kapodistrian University of Athens
2013-2018	Georgia Kalozoumi, "Discovery of new therapeutic targets against neurodegenerative disease through genomics approaches", Medical School, National and Kapodistrian University of Athens
2012-2019	Zoi Galata, "Study of cardioprotection mechanisms in a heart failure model", Medical School, National and Kapodistrian University of Athens
2012-2019	Emmeleia Nana, "Administration of autologous progenitor cardiac cells to a rat model of autoimmune myocarditis", Medical School, National and Kapodistrian University of Athens
2011-2019	Elsa Tsoupri "The study of Myospryn in the heart: constructing a conditional knock-out vector", Medical School, National and Kapodistrian University of Athens
2012-2014	Theodosia Dimopoulou, "Study of cardiomyopathy related mechanisms and molecular targets for their treatment", Medical School, National and Kapodistrian University of Athens
2004-2009	Vassiliki Papalouka "Protein binding partners of MLP", Dept. Molecular Biology, Biomedical Research Foundation of the Academy of Athens
	ADVISORY COMMITTEE
2015-2022	Manal Alshamari, "Profiling the affect of different exercise modalities in patients with chronic heart failure", Medical School, National and Kapodistrian University of Athens
2014-2022	Vaia Gioni, "Distribution of pharmacotherapy related genotypes in a Greek population sample", Dept. Pharmacy, National and Kapodistrian University of Athens
2013-2016	Marilyna Bourdakou, "Simulations and analysis of biological systems for the determination of the properties of candidate drugs", Dept. Informatics and Telecommunications, National and Kapodistrian University of Athens
2012-2019	Dimitrios Theofilatos, "Investigation of the molecular mechanisms of signaling and the atheroprotective effects of HDL in endothelial cells", Dept. Biochemistry, Medical School, University of Crete
2012-2017	Theodoros Mavridis, Dept. Pharmacology, Medical School, University of Athens
2011-2016	Nicolas Pastromas, "Investigation of the role of estrogens on learning and mood disorders: experimental approaches in male and female rats", Dept. Pharmacology, Medical School, University of Athens
	EVALUATION COMMITTEE
2021	Sofia Nikouli, "Myocardial regeneration mechanisms: investigation of the role of desmin in the adult cardiac progenitor cells CSP and Sca1*", Biomedical Research Foundation of the Academy of Athens and Medical School, National and Kapodistrian University of Athens.
2019	Styliani Vakrou, "The role of cardiac progenital cells in acute myocardial infarction and reperfusion injury". 3rd Department of Cardiology, Medical School, National and Kapodistrian University of Athens.
2018	Panagiotis Xoubardas, "Computer modelling of the epigenetic regulation of gene expression during inflammation", Department of Physiology, Medical School, National and Kapodistrian University of Athens.

- 2018 Katerina Hatziri, "Study of the contribution of apolipoprotein E in the development of obesity and related metabolic disease", Pharmacology Department, Medical School, University of Patras.
- 2017 Eleni Tseliou, "Effectiveness of reduced thrombolytic dose in combination with antithrombotic treatment in an experimental model of thrombosis", 3rd Department of Cardiology, Medical School, National and Kapodistrian University of Athens.
- 2015 Argyris Sakelariou, "Informatics methods for the determination of statistically significant genes: applications in gene expression data from a variety of human diseases", Dept. Informatics and Telecommunications, University of Athens
- 2015 Nicolaos Diakos, "Effect of phasic change of afterload on diastolic function of the left ventricle during ischemia and reperfusion – experimental model", 3rd Dept. Cardiology, Medical School, University of Athens
- 2015 Loukas Kyriakou, "Study of the effects of gadolinium on cadmium-induced acute hepatotoxicity in rats", Dept. Pharmacology, Medical School, University of Athens
- 2015 Stamatis Papanthasiou, "Study of novel cardioprotection mechanisms – molecular and functional analysis of TNF-alpha in genetic models of cardiomyopathy". Post-graduate program in Molecular Medicine, Medical School, University of Athens
- 2014 George Tzanis, "Chronic heart failure and skeletal myopathy; effects of the rehabilitation program", 3rd Dept. Cardiology, Medical School, University of Athens
- 2012 Mikail Hudu Garba (Evaluation Committee), Dept. Pharmacology, Medical School, University of Athens
- 2011 Vasilis Delitheos (Evaluation Committee) "Drug effect on the S phase of the *Saccharomyces Cerevisiae* cell cycle", Dept. Pharmacology, Medical School, University of Athens

MSC DISSERTATIONS

- 2023-2024 George Tegousis (Principal Supervisor for Rotation), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2023-2024 Panagiotis Papadopoulos (Principal Supervisor for Rotation), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2023-2024 Vassilios Kafadogias (Principal Supervisor for Thesis), MSc Medical Genetics, Medical School, National and Kapodistrian University of Athens
- 2023-2024 Eliza Logiadi (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2023-2024 Athanasia Bissia (Advisory Committee), MSc Infectious Disease, Medical School, National and Kapodistrian University of Athens
- 2022-2023 Irene Giannousi (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2022-2023 Maria Eliza Logiadi (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2021-2022 Maria Kokkori (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2021-2022 Panagiota Kekeloy (Principal Supervisor for Thesis), MSc Medical Genetics, Medical School, National and Kapodistrian University of Athens
- 2020-2022 Iliana Boura (Principal Supervisor for Rotation and Thesis), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2020-2021 Eleni Christodouloupoulou (Principal Supervisor for Thesis) "Genomics in Precision Medicine", MSc Medical Genetics, Medical School, National and Kapodistrian University of Athens
- 2019-2020 Katerina Dimitropoulou (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2019-2020 Ioanna Angelioudaki (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2019-2020 Farinta Giakoub (Principal Supervisor for Rotation), MSc Molecular Medicine, Medical School, National and Kapodistrian University of Athens
- 2019-2020 Anna Vathrakokoli (Advisory Committee), MSc Molecular Biomedicine, Medical School, National and Kapodistrian University of Athens
- 2016-2017 Antonis Tsoukalas (Principal Supervisor for Thesis) "Pharmacogenomic study of the effects of human HDL containing ApoE3 or ApoA1 on molecular mechanisms of atheroprotection", MSc Clinical Biochemistry, Department of Chemistry, National and Kapodistrian University of Athens.
- 2015-2016 Panagiotis Tokmakidis (Principal Supervisor for Rotation)
- 2015-2017 Melpomeni Panagiotou (Principal Supervisor for Thesis) "Study of the expression and the role of

- long non coding RNAs in the development of renal fibrosis”, MSc Molecular Medicine, Medical School, University of Athens
- 2015-2016 Niki Kappa (Principal Supervisor for Thesis), “The role of C5L2 receptor in desmin deficient Arrhythmogenic Cardiomyopathy”, MSc Molecular Medicine, Medical School, University of Athens
- 2014-2015 Antonia Katsouda (Advisory Committee) “Sulfotransferase of 3-mercaptopyrostaphylic acid in Danio Rerio”, MSc Molecular Medicine, Medical School, University of Athens
- 2014-2015 Konstantinos Tsilafakis (Principal Supervisor for Thesis) “Study of the interaction of desmin with mitochondrial and lysosomal proteins” MSc Molecular Medicine, Medical School, University of Athens
- 2014 Maria Temo (Principal Supervisor for Rotation) “Pharmacogenomic analysis of rHDL effects on endothelial cells” MSc Molecular Diagnostics, Department of Chemistry, University of Athens
- 2013-2014 Alexandra Voulgari (Principal Supervisor for Thesis) “Screening and functional characterization of mutations associated with dilated cardiomyopathy and arrhythmias” MSc Molecular Medicine, Medical School, University of Athens
- 2013 Vasiliki Chantzara (Principal Supervisor for Rotation) “Developing a novel biosciences data mining platform” MSc Molecular Medicine, Medical School, University of Athens
- 2012-2015 Elena Tzouveka (Advisory Committee) “Sex differences in the effects of an enriched living environment on the glutaminergic system” MSc Molecular Medicine, Medical School, University of Athens
- 2012-2013 Marilena Bourdakou, “Investigation of the combined effects of biological networks and the differential gene expression profiles on the selection of significant genes as biomarkers of breast cancer”, MSc Information Technologies in Medicine and Biology, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens
- 2012-2013 Dimitrios Nassikas (Advisory Committee) “Migration and proliferation of endothelial cells” MSc Molecular Basis of Human Disease, Medical School, University of Crete
- 2012-2013 Kostas Fragiadakis (Advisory Committee) “Study of the cardioprotective potential of keratin 8/18 IF network in vitro” MSc Molecular Basis of Human Disease, Medical School, University of Crete
- 2012-2013 Vassiliki Zarkou (Advisory Committee) “Investigation of molecular mechanisms regulating HDL genes in hepatic cells” MSc Molecular Basis of Human Disease, Medical School, University of Crete
- 2012-2013 Stephania Patera (Advisory Committee) “Analysis of P particles in memory and learning mechanisms of the nematode *C. elegans*” MSc Molecular Medicine, Medical School, University of Athens
- 2012-2013 Dimitris Nasias (Principal Supervisor for Rotation & Thesis) “Deciphering the molecular mechanisms of neurodegenerative diseases, through data mining of genomics and proteomics data” MSc Molecular Medicine, Medical School, University of Athens
- 2012 Marianna Kouskou (Principal Supervisor for Rotation) “Molecular pathways implicated in the differential response of high versus low responder rats to stress” MSc Molecular Medicine, Medical School, University of Athens
- 2011-2012 Efi Valanti (Principal Supervisor for Rotation & Thesis) “Investigation of the global molecular mechanisms of human endothelial cell response to recombinant apolipoproteins” MSc Molecular Diagnostics, Department of Chemistry, University of Athens
- 2011-2012 Georgia Kalozoumi (Principal Supervisor for Rotation & Thesis) “Developing novel genomic methodologies for the characterization of pathogenesis and drug response” MSc Molecular Medicine, Medical School, University of Athens
- 2011-2012 Eleni Frangou (Principal Supervisor for Thesis) “Deciphering the role of calreticulin in kidney fibrosis” MSc Molecular Medicine, Medical School, University of Athens
- 2011-2012 Sofia Nikouli “The study of desmin in the proliferation and differentiation of cardiac adult stem cells” MSc Molecular Medicine, Medical School, University of Athens
- 2010-2011 Elsa Tsoupri (Advisory Committee) “Characterization of the myospirin role in the heart” MSc Molecular Medicine, Medical School, University of Athens
- 2009 Marina Laspa (Principal Supervisor for Rotation) “Bioinformatic tools in pharmacogenomics data analysis” (Currently Biology High School Teacher in Greece) MSc Molecular Medicine, Medical School, University of Athens
- 2008-2009 Dimosthenis Tsagrasoulis (Advisory Committee) “Development of an automated platform for the analysis and merging of protein structures” MSc Bioinformatics, Department of Informatics, University of Athens
- 2007 Eleni Papi (Principal Supervisor for Rotation) “Characterization of MLP protein-protein interactions” MSc Molecular Medicine, Medical School, University of Athens
- 2005 Katerina Dima (Principal Supervisor for Rotation) “Screening DCM patients for HAX1 mutations”

	MSc Molecular Medicine, Medical School, University of Athens
2002	Nimgaonkar Ashish (Advisor) “Comparison of different microarray generations” Harvard Medical School
UNDERGRADUATE STUDENT ROTATIONS	
2023	Nathalie Chemel “Alternative splicing in Cardiovascular Disease” (Lycée Simone Weil, Paris, France)
2021	Konstantina Angoura (University of Cambridge, UK)
2020-2021	Ioannis Stouras “Drug, nutrient, gene interactions in Precision Medicine” (Medical student, National and Kapodistrian University of Athens, Award winner at the International Biology Olympiad)
2020-2021	George Zervas “Drug, nutrient, gene interactions in Precision Medicine” (Medical student, National and Kapodistrian University of Athens)
2020	Eleana Sazakli “Drug, nutrient, gene interactions in Precision Medicine” (Biosciences student, Boston University, USA)
2013	Vassiliki Fragiadaki “Data mining in deciphering the molecular effects of novel atheroprotective agents” (Medical student, National and Kapodistrian University of Athens)
2010-to date	Alexandros Tsompanidis “Genomics analysis of mouse skeletal muscles following anti-obesity treatments” (PhD at University of Cambridge, Clinical Fellowship at Oxford University, MSc Imperial College)
2010-2011	Margarita Papandreaou “Molecular pathways implicated in stress response of “novelty seekers” (BSc Imperial College London, PhD University of Crete)
2010	Sofia Athanasopoulou “Genomics analysis of mouse skeletal muscles following anti-obesity treatments” (Medical student, University of Athens; 1 st Prize in National Biology Olympiad)
2008-2009	Ioannia Kyriakides “New protocols for RNA extraction from FFPE tissues” (BSc Bath University)
2007-2008	Thodoris Kapelos “Validation of the MyBPC – MLP protein interaction” (MSc Imperial College London, PhD Oxford University)
2007	Filipos Manassis “Optimizing mutation screening techniques” (BSc student at McGill University, Canada)
2007	Zoi Galata “Screening DCM patients for mutations in the HRC gene” (PhD student Medical School University of Athens)
2004-2007	Maria Oikonomaki “Protein binding partners of MyBPC-1 and -2” (proceeded to MSc Molecular Medicine, Medical School University of Athens, PhD in France)
2006	Orestis Lyros “Screening DCM patients for mutations in calcium cycling genes” (Medical Student, University of Athens and Institute of Surgery of Johannes Gutenberg University of Mainz, Germany)
2005-2006	Konstantinos Solomos “Protein binding partners of MLP” (Currently Sales Representative)
2005-2006	Danai Papaioannou “Protein binding partners of MLP” (PhD in UK)
2005	Elpida Tsika “Yeast two-hybrid analysis of HAX-1” (PhD in USA)

ANNEX II INVITED SPEAKER

- | | |
|------|---|
| 2024 | <ol style="list-style-type: none"> 1) Key note lecture, Women in Science, Young Minds Team, National Technical University of Athens, 29th March 2024, Athens, Greece 2) Invited speaker, “Clinical use of Polygenic and Genetic Risk Scores in coronary disease”, 2nd Pahlennic Conference of the Greek Digital Medicine Association, 24-26th May 2024, Monemvasia, Greece 3) Invited speaker, “Personalized Medicine in Cardiology”, 2024/2025 webinar series of the Hellenic College of Cardiology, 9th October 2024, online 4) Invited Speaker, DisCo-I, 2nd workshop “Applying -omics in research”, of the HORIZON – MSCA – 2021 – DN-ID Project. 14th November 2024, Athens, Greece 5) Invited speaker, “How to write an original research manuscript”, Continuing Education Workshop, Medical School, National and Kapodistrian University of Athens, 13-14th December 2024, Athens, Greece |
| 2023 | <ol style="list-style-type: none"> 6) Key note lecture, Global Women’s Breakfast 2023: “Breaking Barriers in Science” of the International |

- Union of Pure and Applied Chemistry (IUPAC)**, 14th February 2023, Online
- 7) **Key note lecture** “Navigating Unfamiliar Territories”, **International Leaders Program of the Harvard University Spin-Off Aspire Institute**, 21st March 2023, Online (702 attendees)
 - 8) **Key note lecture** “CRISPR opens the way to new genetic therapies against hereditary angioedema”, 13th C1-inhibitor Deficiency & Angioedema Workshop, 4th-7th May 2023, Budapest, **Hungary**
 - 9) “Polygenic risk scores in predicting and preventing coronary artery disease“, 19th Conference on Cardiology Advances 2023 & Prospects 2024, 15-17th December 2023, Divani Caravel, Athens
 - 10) **Key note lecture**, Seminar “Fostering Research and United Nations Sustainable Development Goals: Building a Solid Foundation with Technology and Biostatistics”, **Nigerian Medical Laboratory Science Students Association**, 1st December 2023, Online
 - 2022 11) “Pharmacogenomics in Dermatology”, Innovations@Sygros, 26-27th May 2022, Athens Music Hall-Megaron Mousikis, Athens, Greece.
 - 12) “Deciphering the role of PLN-R14del in the cardiac spliceome”, International Leducq Foundation meeting, 25-27th April 2022, Galaxy Hotel, Herakleion, Crete, Greece.
 - 13) “Genomics in Precision Medicine”, 8th National Conference on Histopathology, Histopathology Department, 18-19th March 2022, Medical School, National and Kapodistrian University of Athens, Athens, Greece.
 - 2021 14) “How to give a scientific talk”, International Early Career Investigator Program – Leducq Foundation, 13th July 2021, Online
 - 15) “Companion diagnostics in the personalized use of biological drugs”, Biosimilars and biological drugs, Society of Cancer Patients, Friends and Doctors, 19th April 2021, Online.
 - 16) “Discovery and clinical application of genetic markers in rare Cardiovascular disease”, Society for Rare Disease and Orphan Drugs, 20th March 2021, Online.
 - 2020 17) “Vasculities: from benchside to bedside – latest developments”, 6th Conference on Current Challenges in the field of Vasculitis, 2nd Department of Internal Medicine, “Hippokrateion” Hospital, Medical School, National and Kapodistrian University of Athens, 18-19th September 2020, Athens-Plaza, Athens, Greece.
 - 18) “Polygenic risk scores in Cardiovascular Disease”, Workshop on Polygenic Risk Score calculations, Aiginiteion Hospital, 24th January 2020, Athens, Greece.
 - 2019 19) “Pharmacogenomics in Precision Cardiovascular Medicine”, 1st National Conference on Personalized Medicine”, satellite to 6th International Conference of the European network Ubiquitous Pharmacogenomics (U-PGx), 14-15 December 2019, Zappeion, Athens, Greece.
 - 20) “Characterization of the role of reconstituted HDL-apoE3 in human endothelial cells”, Athens Days Lipidology, Atherosclerosis and Vascular Disease, Hellenic Society for Lipidology, Atherosclerosis and Vascular Disease, 3-5th October 2019, Divani-Caravel, Athens, Greece.
 - 21) “Pharmacogenetics and its applications in Precision Medicine”, Conference of the Hellenic Society for Digital Medicine, 2-3rd October 2019, Divani-Caravel Hotel, Athens, Greece.
 - 2018 22) “Genetics of Cardiomyopathies”, 5-6th October 2022, 19th Symposium on Echocardiology, Scientific Association of the Onassis Cardiac Surgery Center under the auspices of the Hellenic Cardiological Society, Eugenides Foundation, Athens, Greece.
 - 23) “Genomics and Molecular Biology in drug development and assessment”, European Federation of Pharmaceutical Sciences Annual Meeting, 24-26 May 2018, Titania Hotel, Athens, Greece.
 - 24) “The role of calcium homeostasis in heart failure”, Cardio-Oncology and Heart Failure Conference, 11-12th May 2018, Aigli Zappeiou, Athens, Greece
 - 25) “Leadership, Science and Social Prosperity”, Harvard University – Center for Hellenic Studies, 23rd February 2018, Nafplion, Greece.
 - 2017 26) «Key concepts in the Clinical Use of Biologics and Biosimilars”, Conference on Biologics, Biosimilars and other factors, 1st December 2017, Museum of Cycladic Art, Athens, Greece.
 - 27) “Pharmacogenomic evaluation of the atheroprotective functions of reconstituted HDL-apoE3”, 7th Symposium of the Hellenic Atherosclerosis Society Working Groups, 1-2nd December 2017, Divani-Caravel, Athens, Greece.
 - 28) “What have we learnt from Genomics and Pharmacogenomics Studies on Vasculitis?”, Vasculitis Conference – Today’s diagnostic and therapeutic Challenges, 29-30th September 2017, Crowne Plaza Hotel, Athens, Greece.
 - 29) “Biologics and Biosimilars – exchangeability, tracking and pharmacovigilance”, Continuing Education Conference by the KonstantinosTsatsos Foundation, 20th September 2017, Athens, Greece.
 - 30) **Key note lecture** “PLN is a major player in cardiac function and survival”, 1st Translational Cardiovascular Research Meeting “Better Together: cooperation with all our hearts”, 29-30th June 2017, Utrecht, the Netherlands,

- 2016
- 31) "The value of Innovative Treatments in the Era of the Financial Crisis", 3rd International Congress of the Greek Local Chapter of the Controlled Release Society, 19-20th June 2017, Titania Hotel, Athens, Greece
 - 32) "Deciphering molecular pathogenesis and drug targeting in Cardiovascular and Neuromuscular disease", Guest Seminar, 3rd May 2017, Molecular Pharmacology and Physiology Department, Morsani College of Medicine, University of South Florida, USA.
 - 33) "Key Concepts in Preparing a Scientific Manuscript", Guest Seminar, 19th April 2017, Molecular Pharmacology and Physiology Department, Morsani College of Medicine, University of South Florida, USA.
 - 34) "Pharmacogenomics and Molecular Biology in Drug Development and Assessment", 1st Open Info Day of the Pharma-Informatics Unit "Athena" Research and Innovation Center, 13th February 2017, War Museum, Athens, Greece.
 - 35) "Inherited Cardiomyopathies: the role of the genetic counselors", 18th Panhellenic Heart Failure Conference, 3-5th February 2017, Divani Caravel Hotel, Athens, Greece.
 - 36) "Deciphering molecular pathogenesis and drug targeting in Cardiovascular and Neuromuscular disease", Alexander Fleming Research Center Seminar Series, 1st February 2017, Vari, Greece.
 - 37)
 - 38) "Pharmacogenomics and personalized-targeted treatments", "Cutting-edge topics in Internal Medicine", 1st-3rd December 2016, Attikon Hospital, Chaidari, Greece.
 - 39) "Active ageing and pharmacogenomics", 1st National Conference on Active and Healthy Ageing", 22nd-25th September 2016, Galaxy Hotel, Heraklion – Crete, Greece.
 - 40) "Biologics and Biosimilars", 1st Conference on the Politics and Management of Cancer, 1st July 2016, The Acropolis Museum, Athens, Greece.
 - 41) "Genomics and Pharmacogenomics in Neurodegenerative Disease", 2nd International CRS Congress - Greek Local Chapter, 22nd-24th June 2016, Aegli Zappiou, Athens, Greece.
 - 42) "Genomic predisposition and substance abuse", 11th National Pain Conference, 12th-14th May 2016, Volos, Greece.
 - 43) "Preparing competitive grant proposals that match policy objectives – project proposal evaluators' viewpoint", **Policy-to-project-to-policy Conference, UN City, WHO Regional Office for Europe**, 28th April 2016, Copenhagen, Denmark.
 - 44) "Life as a Bioscientist", 1st Biology Conference-"Students Discuss with Modern Biology" by the Ministry of Education and Panhellenic Union of Bioscientists, 1st April 2016, Peristeri, Greece.
 - 45) "Genomics and Pharmacogenomics", 25th Medical Symposium of the 251 General Airforce Hospital, 18th-19th February, Athens, Greece.
 - 46) "Sanoudou Lab: progress 2015-plans 2016", Biannual Meeting of the 4th Department of Internal Medicine, 22nd January 2016, Attikon Hospital, Chaidari, Greece.
 - 47) "Genomics and Pharmacogenomics in targeted and personalized medicine", Joint Rheumatology Seminar Series 2015-2016, 15th January 2016, Medical School, National and Kapodistrian University of Athens, Greece.
- 2015
- 48) "Genomics in the development and evaluation of new treatments", 6th Symposium of the Hellenic Atherosclerosis Society Working Groups, 4th-5th December 2015, Divani-Caravel, Athens, Greece.
 - 49) "Clinical significance of immunological pathways: Is IL17A the key to treating psoriasis?", Psoriasis Today – Latest Treatment Developments, 5th-6th December, Galaxy Hotel, Kavala, Greece.
 - 50) "Genomics in Personalized Medicine", Conference of the ARISTEIA II Research Program "Hypertensive Nephrosclerosis", 23rd-24th October 2015, Athens, Greece.
 - 51) "Biosimilars: a new reality in Dermatology", Invited Lecture, Panhellenic conference on Dermatology, 26-28th June, Thessaloniki, Greece
 - 52) "In vitro screening and genomic profiling of novel compounds against neurodegenerative disease", International workshop on Natural Compounds and Neurodegenerative Diseases, 25-27th June, the Goulandris Natural History Museum, Athens, Greece
 - 53) "Genomics approaches in novel therapeutic target identification and potential therapeutic compound assessment". "Small molecules and Biotechnological Drugs" - 1st International Congress of Controlled Release Society - Greek Local Chapter, 27-28th May, Aegli Zappeio, Athens, Greece
 - 54) "Next generation massive parallel sequencing", 21st Hellenic Conference on Clinical Oncology, 23-25th April, Hilton Athens, Greece
 - 55) Book presentation "Introduction to translational cardiovascular research", Heart, Vessels & Stroke International Congress, 6-8th March, Caravel Hotel, Athens, Greece
 - 56) "Personalized Medicine: reading about the future in our DNA", 9th Biology Event – Ralleios High School

- of Pireaus and Panhellenic Bioscientists Association, 13-14th February, Ralleios School, Pireaus, Greece
- 57) "New genetic polymorphisms with potential modifier effect on PLN L39X related cardiomyopathy patients". 16th Panhellenic Conference on Heart Failure, 30th January-1st February 2015, Athens, Greece.
- 2014
- 58) "MicroRNAs in acute myocardial infarction". Athens Cardiology Update 2014, 10-12th April, Athens, Greece
- 59) "Pharmacogenomics: how can we make drugs work better for us". Joint "DNA day event" by Hellenic Society for Biological Sciences & Hellenic Society for Biochemistry and Molecular Biology & Panhellenic Bioscientists Union.
- 60) "Determining the genetic basis of dilated cardiomyopathy using novel technologies", 20-22nd February, Thessaloniki, Greece.
- 61) "MicroRNA as a diagnostic and therapeutic tool", 5th Heart Vessels and Stroke Conference, 24-26th January, Athens, Greece.
- 62) "Genomic studies on the atheroprotective role of HDL", 17th Panhellenic Lipidology, Atherosclerosis and Coronary Disease Conference, 16-18th October, Athens, Greece.
- 63) "Non pharmacological treatment of heart failure: miRNAs", the Magdi Yacoub Research Network Heart Series VI, 3-4th November.
- 64) "The fascinating world of Biosciences and related career options", 4th November, Ursulines high school, Athens, Greece
- 2013
- 65) "MicroRNAs in Heart Disease", Invited Lecture, "Introduction to Translational Cardiovascular Research" Course for Clinical Cardiologists, 1st February, Athens, Greece
- 66) "Genetics, Pathogenesis and Novel Therapeutic Targes in Cardiomyopathies", Plenary Lecture, Annual Seminars of the Hellenic Cardiological Society Working Group for Basic, Translational Research and Hereditary disease, 15th February, Thessaloniki, Greece
- 67) "Career paths in Biosciences", Athens College – high school Career Day 2013, 25th February, Athens, Greece.
- 68) "Pharmacogenomics: A Step Closer to Personalized Medicine?", Seminar Series in Pharmacoepidemiology organized by the Hellenic Association of Pharmaceutical Companies and the DERE – American College of Greece, 21st March, Athens, Greece.
- 69) "Research in Greece", European Medical Student Association Twinning Project by Hellenic Medical Students' International Committee - HelMSIC and the Ludwig Maximilian University of Munich, 11th April, Athens, Greece.
- 70) "Genomics and Pharmacogenomics of kainate induced Mesio Temporal Lobe Epilepsy", FP7 NEURINOX network meeting, 16-18th April, Zurich, Switzerland.
- 71) "Pharmacogenetics of Anesthesia: effects on response to perioperative drugs", 20th Panhellenic Congress of Anaesthesiology, Athens, Greece.
- 72) "When the drugs don't work", TEDMED live Athens 2013, 21st April, Athens, Greece.
- 73) "Deciphering the SR Ca²⁺ regulatome in cardiac physiology and pathology", Invited Guest Speaker, Cardiovascular Grand Rounds Lecture, 26th April, School for Cardiovascular Diseases, Maastricht University Medical Centre, Maastricht, The Netherlands.
- 74) "Lessons from the heart in the Pharmacogenomics era", 5th InnoForum "The art of change innovating our way out of the crisis", Athens Information Technology Center of Excellence for Research and Education, 31st May, Athens, Greece.
- 75) "Latest developments in Pharmacogenomics", Annual Conference of the Hellenic Society of Medical Geneticists, 31st May-1st June, Athens, Greece
- 76) "Circulating microRNAs: Novel biomarkers and extracellular communicators in cardiovascular disease?", 1st International Scientific Congress "Cardiovascular Biotechnology: From cell to man", 30th May-1st June Biomedical Research Foundation of the Academy of Athens, Athens, Greece
- 77) "Pharmacogenomic investigations of JTV actions in CPVT", FP7 EUTrigTreat network meeting, 5th-7th June, Padua, Italy.
- 78) "Deciphering the SR Ca-cycling regulatome in cardiac physiology and pathology. *European Society of Cardiology, Working Group on Cardiac Cellular Electrophysiology*, 25-26th June, Athens, Greece
- 79) "Genetics and molecular mechanisms of pathogenesis in cardiomyopathies and arrhythmias", EUROPACE 2013, Annual Meeting of the European Heart Rhythm Association, 23-26th June, Athens, Greece
- 80) "Genetic testing in DCM; the MYRN programme", the Magdi Yacoub Research Network Heart Seminar

Series III, 14th June.

- 81) "Pharmacogenetics at the center of personalized medicine", Personalized Treatment and Innovation – Boussias Communications Conference, 20th September 2013, Athens, Greece.
 - 82) "The genomics approach towards better targeted drug treatments", 5th BBBB International Conference 2013, 26th-28th September, Athens, Greece.
 - 83) "Anti-depressant / anti-psychotic drugs and pharmacogenetic differences in patients with obesity or diabetes mellitus", 1st Cross-discipline Conference on Obesity and Diabetes: Biopsychosocial Approaches, 8-10 November, Athens, Greece
 - 84) "Basic principles of cancer pharmacogenetics", "Cancer Pharmacogenetics and Pharmacogenomics as Tools for Clinical Practice and Research" Conference of the Greek Young Oncologists group, 16th November, Athens, Greece.
 - 85) "Students ask the Professors", 2nd National Conference "Biology in Education", 29th November – 1st December, Athens, Greece.
- 2012
- 86) "Genomics and Pharmacogenomics in Neurodegenerative Disease", FP7 NEURINOX network meeting, 23-24 January, Geneva, Switzerland.
 - 87) "Managing Knowledge Dissemination in NEURINOX", FP7 NEURINOX network meeting, 23-24 January, Geneva, Switzerland.
 - 88) "Micro-RNAs in cardiovascular disease (CVD): new biomarkers and novel applications for CVD prevention & treatment", Athens Cardiology Update 2012, 5-7 April, Athens, Greece.
 - 89) "Research in Greece", European Medical Student Association Twinning Project by Hellenic Medical Students' International Committee - HelMSIC and Rotterdam University of the Netherlands, 28th March, Athens, Greece.
 - 90) "Transcriptomics", 15th Continuing Education Seminar Series of the Hellenic Society of Clinical Chemistry and Clinical Biochemistry, 9-10th June, Athens, Greece.
 - 91) "The arrhythmogenic substrate - deciphering and targeting the molecular mechanisms of pathogenesis in selected mouse models", FP7 EUTrigTreat network meeting, 20-22 June, Beatenberg, Switzerland.
 - 92) "Genetics Pathogenesis and Novel Therapeutic Targets in Dilated Cardiomyopathy", International Federation of Nonlinear Analysts Conference, 26-27 June, Athens, Greece.
 - 93) "Pharmacogenomics and personalized medicine in cardiovascular disease", Conference on "Assessment of Cardiovascular Risk Factors: personalized treatments and pharmacogenetics" of the Institute of Biomedical Research and Education, 12-15 July, Pylos, Greece.
 - 94) "Characterizing the sarcoplasmic reticulum interactome in cardiomyocytes and nerve cells", emerging EU network meeting, 3 September, Frankfurt, Germany.
 - 95) "Characterization of pathogenetic mechanisms and discovery of novel therapeutic targets in Cardiac disease", Seminar Series of the Dept. Histology & Embryology, Medical School, University of Athens, 9 November, Athens, Greece
 - 96) "Pharmacogenomic assessment of new therapies against atherosclerosis", Conference on "Cardiometabolic disease and pharmacogenetics approaches: latest developments" of the Institute of Biomedical Research and Education, 7-8 December, Ioannina, Greece.
- 2011
- 97) "Building and using the Greek dilated cardiomyopathy registry", International Annual Scientific Conference of Aswan Heart Center "Science and practice series: Inherited heart muscle disease", 3-6 January, Cairo, Egypt.
 - 98) "The evolving role of epigenetics and modifier genes", International Annual Scientific Conference of Aswan Heart Center "Science and practice series: Inherited heart muscle disease", 3-6 January, Cairo, Egypt.
 - 99) "Genomics and Pharmacogenomics in Neurodegenerative Disease", FP7 NEURINOX network meeting, 20-22 January, Geneva, Switzerland.
 - 100) "Pharmacogenomics Primer", Webinar, organized by PharmaThings Consulting, 7th February.
 - 101) "The role of microRNAs in Oncology", 5th Training Seminar Series "Molecular Oncology and Targeted Therapies for the Clinical Oncologist, Metsovo, Greece.
 - 102) "Regulatory Pharmacogenomics Issues", Webinar, organized by PharmaThings Consulting, 15th March.
 - 103) "Latest development in Pharmacogenetics and Pharmacogenomics: clinical applications, financial and legal implications". Educational Seminars for Pharmacists, Pharmacy Department, University of Athens, Athens, Greece.
 - 104) "Molecular mechanisms linking Depression and Atherosclerosis", European Centre for Quality of Life consortium, 8-10th April, Volos, Greece.
 - 105) "Life as a Researcher in Biology", Avgouleia-Linardatos School, 14th April, Piraeus, Greece.

- 106) "Pharmacogenomics in breast cancer", 12th Panhellenic Mastology Conference, 6-8 May, Kalamata, Greece.
- 107) "Molecular mechanisms of Ca²⁺ homeostasis in cardiac physiology and pathology", International Society for Heart Research - European Section Annual meeting 2011, 26-29 June, Haifa, Israel.
- 108) "Cancer epidemiology and research in Greece" Program for Global and Intercultural Experience for Undergraduates of the University of Michigan, 15th July, Athens, Greece
- 109) "Sex differences in the personalization of antidepressant treatments" 2nd Panhellenic Conference on Clinical Neuropsychopharmacology, 13-15th October 2011, Athens, Greece.
- 110) "Pharmacogenomics", "Genetics and Society" Meeting, Evgenidio Foundation, 4-6 November, Athens, Greece.
- 111) "The "meta-genetics Era in Cardiology: epigenetics and modifier genes", 11-13th November, Alexandroupoli, Greece.
- 112) "New insights into the molecular pathophysiology of cardiac and skeletal muscle disease", 23rd November, Clinical Center Invited Lecture Series, Biomedical Research Foundation Academy of Athens, Athens, Greece.
- 113) "Neuropsychiatric pharmacogenomics" Institute for Biomedical Research and Education "Pharmacogenomics and Pharmacogenetics: bench to bedside" conference, 24-27th November, Constantinople, Turkey.
- 2010
- 114) "Latest advances in Genetics, Genomics and Systems Biology", Hellenic College, 16th February, Boston, USA
- 115) "Understanding the molecular pathophysiology of skeletal and cardiac muscle", Seminar Series, Boston University Medical School, 22nd February, Boston, USA.
- 116) "Understanding the molecular pathophysiology of skeletal and cardiac muscle", Seminar Series, Department of Cardiology, Harvard Medical School and Beth Israel Deaconess Medical Center, 23rd February, Boston, USA.
- 117) "Combining Omics approaches and bioinformatics for the development of in silico predictive models", VALAPODYN Semi-Annual Meeting, Paris, France.
- 118) "Clinical applications of Microarrays", 1st Educational Seminar on Cancer Biology and Basic Principles in Oncology, 26th-27th February, Plaka, Greece.
- 119) "From Pharmacology and Genomics to Pharmacogenomics", Pharmacogenomics and Personalized Medicine Conference, 15th April, Thessaloniki, Greece.
- 120) "Novel molecular pathways of genetic and environmental factors which modulate arrhythmia susceptibility", EUTrigTreat Annual Meeting, Glasgow, UK.
- 121) "Pharmacogenetics: what the heck is it and what does it mean for you?", Live Webinar, organized by BrainGig Consulting, 15th July 2010.
- 122) "Pharmacological (chemical) carcinogenesis", Summer Oncology Meeting, 3-5th September, Naxos
- 123) "High throughput technologies in Rheumatology: Microarrays", Seminar on the Scientific Basis of Rheumatology – A Primer for Clinicians, 10-12th September, Athens, Greece.
- 124) "Gender differences: a new twist in personalizing antidepressant treatments", XVIIIth World Congress on Psychiatric Genetics, 3-7th October, Athens, Greece.
- 125) "The role of Pharmacogenomics in combating cardiovascular disease", 13th Panhellenic Lipidology, Atherosclerosis and Vascular Disease Conference, 7-9th October, Athens, Greece.
- 126) "The importance of laboratory training for high school students", Panhellenic Union of Bioscientists Award Ceremony for the International Biology Olympiad winners, 18th October, Athens, Greece.
- 127) "Pharmacogenetics and Pharmacogenomics". "PHARMACON" conference organized by the European Centre for Quality of Life consortium, 25th-28th November, Constantinople, Turkey.
- 2009
- 128) "Pharmacogenetics and personalized medicine", Conference on "Society meets modern Biology", Ralleios School, Athens, Greece.
- 129) "Protein arrays", 3rd Training Seminar Series "Molecular Oncology and Targeted Therapies for the Clinical Oncologist, 20-22nd February, Metsovo, Greece.
- 130) "Pharmacogenomics of kainate treated mouse hippocampi" VALAPODYN 30 month Meeting, 1-4th March, Grenoble, France.
- 131) "Knowledge dissemination activities of the VALAPODYN European Network" VALAPODYN 30 month Meeting, 1-4th March, Grenoble, France.

- 132) "Pharmacogenomics: unlocking the human genome for the better drug therapy", Conference on Pharmacogenomics and Personalized medicine – from benchside to bedside, 6-7th March Chania, Greece.
- 133) "Role of Esrrg in the fibrate-mediated regulation of lipid metabolism genes in human ApoA-I transgenic mice: a pharmacogenomics approach". 5th National Conference in Pharmacology 8th March, Athens, Greece.
- 134) "Pharmacogenomics in Oncology", Developments in Oncology – Educational Seminar Series, 3-4th April, Patra, Greece.
- 135) "Transitioning from Genomics to Pharmacogenomics", 8th April, Medical School, University of Patras, Patra, Greece
- 136) "Pharmacogenomics – achievements and perspectives", 9th April, Annual Conference of Biosciences Master's Degree Students of the University of Patras, Patra, Greece.
- 137) "Genetic and Pharmacogenetic testing in the 21st Century". 5th April, St Antypas Annual Celebration of the Dentists Association of Pireus, Agia Triada, Pireus, Greece.
- 138) "Role of Esrrg in the fibrate-mediated regulation of lipid metabolism genes in human ApoA-I transgenic mice: a pharmacogenomics approach". 28th April 2009, Whitaker Cardiovascular Institute, Boston University School of Medicine, Boston, U.S.A.
- 139) "Pharmacogenomics in Cardiology". 8th International Congress on Patient for the Quality of Life: An Integrated Approach to Current Health Care Issues in South-East Mediterranean, of the European Centre for Quality of Life, 7-10th May 2009, Cappadokia, Turkey.
- 140) "Discovering and characterizing calcium cycling genes implicated in heart failure". Annual Athens Exchange of Cardiovascular Research Ideas, International Workshop, 18-19th September 2009, Athens, Greece.
- 141) "Improving bioinformatical approaches for better Pharmacogenomics analysis: the kainate treated mouse model" VALAPODYN 36 month Meeting, 20-22nd September, Lyon, France.
- 142) "Knowledge dissemination activities of the VALAPODYN European Network" VALAPODYN 36 month Meeting, 20-22nd September, Lyon, France.
- 143) "Genomic and Pharmacogenomic strategies for analysis novel arrhythmia mouse models". EUTrigTreat Kick-Off meeting, 14-16th October, Goettingen, Germany
- 144) "Pharmacogenomics in Clinical Practice", 2nd November, Pharmacology Division, Medical School, University of Athens.
- 145) "Microarray applications in Oncology Pharmacogenomics", 15th Panhellenic Oncology Conference, 13-14th November, Athens, Greece.
- 146) "Pharmacogenomics: Deciphering the molecular mechanisms of Fenofibrate action". 60th Panhellenic Conference of the Greek Society for Biochemistry and Molecular Biology, 20-22nd November, Athens, Greece
- 147) "Molecular signatures of stress response in "novelty seeker" rats". 60th Panhellenic Conference of the Greek Society for Biochemistry and Molecular Biology, 20-22nd November, Athens, Greece
- 148) "Esrrg participates in the fibrate mediated activation of genes of lipid and lipoprotein metabolism in a human apoA-I transgenic mouse model – a Pharmacogenomics approach" Atherosclerosis meeting, 4-5th December Athens, Greece
- 149) "The genetic basis of dilated cardiomyopathy" Developments and Future Prospects in Cardiology 2009-2010, 18-19th December, Athens, Greece.
- 2008
- 150) "Mutation in calcium homeostasis related genes and Heart Failure", 9th Panhellenic Congress in Heart Failure, Athens, Greece.
- 151) "Revolutionary approaches in Biological research and Molecular diagnostics", Science Education Day for the Public, organized by the Mayor of Chalkida and the Panhellenic Biologist Union, Chalkida, Greece.
- 152) "Microarrays in the diagnosis, prognosis and therapy of Cancer", 2nd Training Seminar Series "Molecular Oncology and Targeted Therapies for the Clinical Oncologist, Metsovo, Greece.
- 153) "Gene expression profiling of kainate treated mouse hippocampi" VALAPODYN mid-term Meeting, Jerusalem, Israel
- 154) "Knowledge dissemination activities of the VALAPODYN European Network" VALAPODYN mid-term Meeting, Jerusalem, Israel
- 155) "The multiple roles of Bioinformatics in Genome Analysis" Athens University of Business and Economics, Athens, Greece
- 156) "Genetics in the 21st Century – The transition to Personalized Medicine" Meeting of the Threan Society for Sciences and Arts, Santorini, Greece

- 157) "Analysis of a "humanized" phospholamban mouse model reveals new pathways linking Ca²⁺ cycling and cardiac electrophysiology" XXVIII European Section Meeting of the International Society for Heart Research, Athens, Greece
- 158) "Pharmacogenomics of kainate treated mouse hippocampi" VALAPODYN 24 month Meeting, Wolfenbuttel, Germany
- 159) "Knowledge dissemination activities of the VALAPODYN European Network" VALAPODYN 24 month Meeting, Wolfenbuttel, Germany
- 160) "Clinical applications of microarrays". 7th Symposium on New Molecules in Cancer Therapeutics, Greek Oncology Research Network, Athens, Greece.
- 161) "Microarrays". 2nd Conference on Oncology in primary healthcare, Athens, Greece.
- 162) "Genetics of cardiomyopathies". Developments 2008 and Future Prospects 2009 in Cardiology – International Cardiology Conference, Caravel, Athens, Greece.
- 163) "The technology of microarrays and their applications in combating breast cancer". 6th Continuing Education Seminar on Breast Cancer – From Gene to Therapy, Thessaloniki, Greece.
- 164) "Pharmacogenomics in treating human disease". Continuing Education Seminars of the MSc Program "Basic Medical Sciences", Medical School, University of Patras, Greece.
- 2007
- 165) "Mutation screening, gene expression profiling and protein-protein interactions in the study of DCM", MaxPlanck Institute of Biophysics, Frankfurt, Germany.
- 166) "Evaluating the function of test drug-compounds on the PLN-SERCA interaction", University of Manchester, Manchester, UK.
- 167) "Understanding the molecular pathophysiology of cardiac and skeletal muscle", Seminar Series, Biomedical Research Foundation, Academy of Athens, Athens, Greece.
- 168) "Genomics and Knowledge Dissemination as part of the VALAPODYN European network", Athens, Greece.
- 169) "Being a Researcher", Greek-German Agogi High-school, Palini, Greece.
- 170) "Research avenues in Molecular Cardiology", Attiko Hospital, Athens, Greece.
- 171) "Deciphering the pathogenetic mechanisms in NemaLine Myopathy", Annual Conference of the Greek Society for Biological Sciences, Kavala, Greece.
- 172) "Array lessons from the heart", Leducq Foundation International Consortium Meeting, Santorini, Greece.
- 173) "Mutations in Ca²⁺ homeostasis genes in Heart Failure", Leducq Foundation International Consortium Meeting, Santorini, Greece.
- 174) "Understanding the molecular pathophysiology of cardiac and skeletal muscle", Seminar Series, Department of Chemistry, University of Athens.
- 175) "Microarrays in Basic and Clinical research". Agilent Technologies sponsored Meeting on Novel Technologies. Biomedical Research Foundation, Academy of Athens, Greece.
- 176) "Understanding the molecular pathophysiology of cardiac and skeletal muscle", Invited Lecture, Annual Retreat MSc "Molecular Basis of Human Disease", Heraklion, Greece.
- 177) "Progress on the Genomics Component of the VALAPODYN European network", Liege, Belgium.
- 178) "Microarray applications in Molecular Cardiology", Leducq Foundation International Consortium Meeting, New York, USA.
- 179) "New polymorphisms and Dilated Cardiomyopathy", Leducq Foundation International Consortium Meeting, New York, USA.
- 180) "A dominant negative form of the transcription factor c-Jun affects genes that have opposing effects on lipid homeostasis in mice", Hellenic Atherosclerosis Society, Athens, Greece.
- 181) "Characterization of key molecular players in skeletal and cardiac muscle disease", Invited Lecture, Bi-annual Retreat Biomedical Research Foundation of the Academy of Athens, Kamena Vourla, Greece.
- 182) "PLN mutations and dilated cardiomyopathy", Developments 2007 and Future Prospects 2008 in Cardiology – International Cardiology Conference, Caravel, Athens, Greece.
- 183) Closing Speech at 2007 – UNESCO award ceremony for the "Best Young Female Scientist in Greece".
- 2006
- 184) "Addressing technical challenges in array CGH". Department of Pathology, Brigham and Women's Hospital, Boston, USA
- 185) "Microarrays: technology, applications, future prospects". Seminar Series for Highschool Teachers "Cutting edge technologies in Biosciences". Pasteur Institute, Athens, Greece.
- 186) "The microarray technology and its use in deciphering atherosclerosis". 10th Annual conference of the Hellenic Society of Lipidology and Atherosclerosis, Athens, Greece.

- 187) "Microarrays in decoding muscle disease". Department of Biological Applications and Technologies, University of Ioannina, Greece.
- 188) "Research in Greece", Thirean Society of Sciences and Arts, Athens, Greece.
- 189) "Microarrays in the diagnosis, prognosis and therapy of muscle disease". 26th European Workshop for Rheumatology Research. Hersonissos, Crete, Greece.
- 2005
- 190) "Diaphragm: a skeletal muscle unlike all others". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 191) "The use of microarrays in research, diagnosis and prognosis of cardiomyopathies". Conference on Cardiology Genetics, Agia Olga, Athens, Greece.
- 192) "The impact of microarray technologies for decoding neuromuscular diseases and Bioethical considerations". European Summer Academy on Bioethics, Ludwigshafen, Germany.
- 193) "Diaphragm: a skeletal muscle unlike all others". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 194) "The molecular signature of diaphragm". 31st Panhellenic Medical Conference, Athens, Greece.
- 2004
- 195) "Microarray applications in diagnosis". 3rd Annual Meeting of the Biologists Union in Greece.
- 196) "Emerging pharmaceutical applications of microarrays". 1st International Greek Biotechnology Forum. Athens, Greece.
- 197) "Bringing microarrays into school classrooms". Annual Meeting of the Panhellenic Biologists Union.
- 198) "The study of gene expression in improved prognosis of neuromuscular disorders". 30th Panhellenic Medical Conference, Athens, Greece.
- 2003
- 199) "The transcriptome of TPM3 nemaline myopathy mouse model". ENMC on Nemaline Myopathy. Szeged, Hungary.
- 200) "Deciphering the pathophysiology of neuromuscular disease: starting with Nemaline myopathy". Institute of Technology, University of Crete, Greece.
- 2002
- 201) "Pathways affected in Nemaline Myopathy". Division Chiefs Annual Meeting, Children's Hospital, Harvard Medical School.
- 202) "Development of microarrays and applications in congenital myopathies". Whitaker Cardiovascular Institute, Boston University School of Medicine.
- 203) "Unusual cases of Cystic Fibrosis". Harvard Institute of Medicine, Boston, USA.
- 204) "The use of Microarrays in Research and Diagnostics". Genzyme Inc, Framingham, USA.
- 205) "Norrie Disease under new light". Speech in honor of Francis Collins, Harvard Medical School, Boston, USA.
- 206) "Gene Expression studies in Nemaline Myopathy". Childrens Hospital, Boston, USA.
- 207) "Pathways affected in Nemaline Myopathy". International Congress of Neuromuscular Disorders, Vancouver, Canada.
- 2001
- 208) "Clinical and genetic heterogeneity in Nemaline Myopathy". Harvard Institute of Medicine, Boston, USA.
- 209) "Microarrays for the study of etiologic, diagnostic and therapeutic targets in ophthalmological disorders". Ophthalmologic Genetic Disorders Meeting, Athens, Greece.
- 2000
- 210) "Gene therapy in the treatment of myocardial ischaemia". 22nd Hellenic Congress of Surgery. Athens, Greece.
- 211) "Large scale gene analysis of expression in congenital myopathies". Children's Hospital, Boston, USA.
- 212) "Genetics in the 21st century: Achievements and Promises". Belloneio Convention Centre. Santorini, Greece.
- 213) "Gene therapy in the treatment of myocardial ischaemia". 22nd Hellenic Congress of Surgery. Athens, Greece.
- 214) "Large scale gene analysis of expression in congenital myopathies". Children's Hospital, Boston, USA.

ANNEX III CONFERENCE SESSION CHAIR

INTERNATIONAL

- 2023 "Genetics and Gene Therapies in Hereditary Angioedema", 13th C1-inhibitor Deficiency & Angioedema Workshop, 4th-7th May 2023, Budapest, Hungary
- 2016 "The Impact of Precision Medicine on the Future of Healthcare". Personalized Medicine-Policy and

	Economics Conference, 6 th October 2016, Divani Caravel, Athens, Greece
2015	"Biomarkers and Personalized Medicine". NEURINOX Symposium, 23-24 th September, Molecular Biotechnology Center, Torino, Italy
2015	FC-26 "Pharmacogenetics". 12th World Congress of Biological Psychiatry, 14-18 th June, Megaron Mousikis, Athens, Greece
2015	"Biotechnological drugs: biological, chemical, pharmaceutical aspects". "Small molecules and Biotechnological Drugs" - 1st International Congress of Controlled Release Society - Greek Local Chapter, 27-28 th May, Aegli Zappeio, Athens, Greece
2014	"Basic Mechanics" in "Brugada: from Science to Practice", the Magdi Yacoub Research Network Heart Seminar Series, 24-25 th May.
2013	"Transporters, Metabolism, Pharmacogenomics". 5th BBBB International Conference, 26-28 th September 2013, Athens, Greece
2013	"NOX pathways as therapeutic targets against neurodegenerative diseases", Public Session at FP7 NEURINOX network meeting, 16-18 th April, Zurich, Switzerland
2009	"Pharmacogenomics", Balkan School of Oncology (BSO) / 3rd Biannual Balkan Society of Oncology Seminar - Immunotherapy and Gene Therapy in Cancer, September 10-12, Volos, Greece
GREEK	
2016	"From the lab to the clinic- the clinical implications of research". "Cutting-edge topics in Internal Medicine", 1 st -3 rd December 2016, Attikon Hospital, Athens, Greece.
2014	"Innovation: New fields in targeted therapies and funding needs", Personalized Medicine and Innovation II, 29 th October, Athenaeum Intercontinental
2013	"Chromosomal instability in Cancer", 7th Training Seminar Series "Molecular Oncology and Targeted Therapies for the Clinical Oncologist", 20-22 nd February, Metsovo, Greece
2012	"Parameters determining gain and loss of body weight". 9th Panhellenic Obesity Conference, 1-3 March, Athens, Greece

ANNEX VI CONFERENCE ABSTRACTS

(ONLY THE FIRST 200 ABSTRACTS ARE LISTED)

PEER-REVIEW ABSTRACTS

- 1) **Sanoudou D**, Chen H, Yang F, O'Brien P, Willat LR, Nash RW, Ferguson-Smith MA. 1997. "Interpretation of complex chromosome rearrangements by chromosome sorting and painting". *Cytogenetics and Cell Genetics*, 77 (1-2); p 63.
- 2) Griffin D., **Sanoudou D**, Adamski E, McGiffert C, O'Brien P, Wienberg J, Ferguson-Smith MA. 1997. "Chromosome specific comparative genomic hybridisation for determining the origin of intrachromosomal duplications". *Cytogenetics and Cell Genetics*, 77 (1-2); p 27.
- 3) Ferguson-Smith MA, **Sanoudou D**, O'Brien P, Schinzel A. 1997. "Use of reverse painting to detect a deletion in an apparently balanced *de novo* translocation". *Cytogenetics and Cell Genetics*, 77 (1-2).
- 4) Grant JW, **Sanoudou D**, Collins VP, Ferguson-Smith MA, Coleman N. 1998. "Comparative genomic hybridisation in gliosarcomas". *Journal of Pathology*, 186 (SS); pA3.
- 5) **Sanoudou D**, Collins VP, Tingby O, Coleman N, Ferguson-Smith MA. 1998. "Investigation of cytogenetic abnormalities in pilocytic astrocytoma". *American Journal of Human Genetics*, 63 (supl); pA84.
- 6) Ferguson-Smith MA, **Sanoudou D**, Lee C. 1998. "Microdeletions of DMT1 at 9p24.3 is the commonest cause of 46,XY females". *American Journal of Human Genetics*, 63 (supl); pA162.
- 7) Grant JW, **Sanoudou D**, Collins VP, Ferguson-Smith MA, Coleman N. 1998. "Comparative genomic hybridisation in gliosarcomas". Swiss Neuropathological Society Annual Meeting. Geneva, Switzerland. Oral presentation. *Journal of Pathology* 186: 3A-3A Suppl. S
- 8) Roberts I, Morley-Jacob C, **Sanoudou D**, Coleman N. 1998. "24 colour FISH and CGH analysis of paediatric neoplasms". UK Children's Cancer Study Group, Basic and Applied Children's Cancer Research Meeting. Newcastle, England. Oral presentation.

- 9) **Sanoudou D**, Tingby O, Collins VP, Coleman N, Ferguson-Smith MA. 1999. "Consistent genetic abnormalities in myxopapillary ependymomas". *Journal of Pathology*, (SS). In press.
- 10) Roberts I, Morley-Jacob C, Pett M, **Sanoudou D**, Nacheva E, Coleman N. 1999. "Novel chromosomal translocations in pediatric sarcomas demonstrated by 24colour FISH". *Journal of Pathology*, (SS).
- 11) **Sanoudou D**, Ichimura K, Ferguson-Smith MA, Collins VP, Coleman N. 1999. "Characteristic genetic abnormalities in ependymal tumours of different malignancy grades. *American Journal of Human Genetics*. 65 (supl); pA320.
- 12) Coleman N, **Sanoudou D**, Tingby O, Ferguson-Smith MA, Collins VP. 1999. "Identification of consistent aberrations in myxopapillary ependymoma tumours". *American Journal of Human Genetics*. 65 (supl); pA122.
- 13) Haslett J, **Sanoudou D**, Lidov H, Kohane I, Beggs A, Kunkel L. 2000. "The use of microarrays in the analysis of human skeletal muscle". *American Journal of Human Genetics*. 67, (supl 2); pA192.
- 14) **Sanoudou D**, Huang H, Beggs A, Coleman N, Kohane IS, Collins VP. 2001. "Bioinformatics in the genetic characterization of ependymal tumors". *American College of Medical Genetics*. Miami, USA.
- 15) **Sanoudou D**, Haslett J, Greenberg SA, Corbett M, Hardeman E, Iannaccone S, Kohane IS, Kunkel L, Beggs AH. 2001. "Gene Expression profiles in Nemaline Myopathy". *World Muscle Society*. Utah, USA.
- 16) Greenberg SA, **Sanoudou D**, Haslett J, Kohane IS, Kunkel L, Beggs AH, Amato AA. 2001. "Molecular Classification of Inflammatory and Other Myopathies". *American Neurological Association 126th Meeting*. Chicago, USA.
- 17) **Sanoudou D**, Haslett JN, Greenberg SA, Lidov HGW, Kohane IS, Kunkel LM, Beggs AH. 2001. "Gene expression in nemaline myopathy skeletal muscle". *American Society of Human Genetics*. San Diego, USA.
- 18) Haslett JN, **Sanoudou D**, Greenberg SA, Lidov HGW, Kohane IS, Beggs AH, Kunkel LM. 2001. "Gene expression analysis of muscle of Duchenne muscular dystrophy patients". *American Society of Human Genetics*. San Diego, USA.
- 19) Nimgaonkar A, **Sanoudou D**, Butte A, Haslett JN, Kunkel LM, Beggs AH, Kohane IS. 2001. "Reproducibility and selection of probe sets across generations of microarrays". *American Society of Human Genetics*. San Diego, USA.
- 20) Haslett JN, **Sanoudou D**, Kho A, Han M, Beggs AH, Kohane IS, Kunkel LM. 2002. "Gene expression analysis of dystrophic skeletal muscle". *International Congress of Neuromuscular Disorders*, Vancouver, Canada.
- 21) **Sanoudou D**, Haslett JN, Kho AT, Greenberg SA, Kohane IS, Kunkel LM, Beggs AH. 2002. "Pathways affected in nemaline myopathy". *J NEUROL SCI* 199: S121-S121 72 Suppl. 1. *International Congress of Neuromuscular Disorders*, Vancouver, Canada.
- 22) Tomczak K, **Sanoudou D**, Han M, Kohane IS, Beggs AH. 2002. "Gene expression analysis in differentiating C2C12 cells". *J NEUROL SCI* 199: P476 Suppl. 1. *International Congress of Neuromuscular Disorders*, Vancouver, Canada.
- 23) Mahler-Araujo MB, **Sanoudou D**, Tingby O, Liu L, Ferguson-Smith MA, Coleman N, Ichimura K, Collins VP. 2002. "Genetic abnormalities in Myxopapillary ependymomas". *7th European Congress of Neuropathology*, Helsinki, Finland.
- 24) Barnes C, Kaipainen A, **Sanoudou D**, Kaviani A, Fuchs J, Kim HB, Mulliken J, Fauza D, Beggs

- AH, Fishman S, Folkman J. 2002. "The Role of Placenta in the Origin of Hemangiomas". Society for Women's Health Research, Third annual conference on Sex and Gene Expression (SAGE), San Jose, California.
- 25) Tomczak K, Ramoni M, **Sanoudou D**, Han M, Kho A, Kohane IS, Beggs AH. 2002. "Cluster analysis of gene expression dynamics in differentiating C2C12 myoblasts". *AM J HUM GENET* 71 (4): 815 Suppl. S. American Society of Human Genetics. Baltimore, USA.
 - 26) Agrawal PB, **Sanoudou D**, Burlison TI, Beggs AH. 2003. "Multiminicore disease: Clinical, Pathological, Genetic and Microarray analysis". *PEDIATR RES* 53 (4): 1489 Part 2 Suppl. S. Annual Pediatric Academic Societies' Meeting, Seattle, Washington, USA.
 - 27) Agrawal PB, **Sanoudou D**, Burlison TI, Beggs AH. 2003. "Gene expression patterns of biopsies from multiminicore disease and its comparison with normal skeletal muscle". *J INVEST MED* 51: S362-S362 Suppl. 2 Clinical Research, Baltimore, USA.
 - 28) Mahler-Araujo MB, **Sanoudou D**, Tingby O, Liu L, Ferguson-Smith MA, Coleman N, Ichimura K, Collins VP. 2003. "Structural and genomic abnormalities of chromosomes 9 and 18 in myxopapillary ependymomas". 19th congress of the European Society of Pathology. Ljubljana, Slovenia.
 - 29) Kang PB, Haslett JN, **Sanoudou D**, Kunkel LM. 2003. "An anatomical map of gene expression across human and murine skeletal muscles". *NEUROMUSCULAR DISORD* 13 (7-8): 626-626. World Muscle Society. Szeged, Hungary.
 - 30) **Sanoudou D**, Frieden L, Haslett JN, Kho AT, Greenberg SA, Kohane IS, Kunkel LM, Beggs AH. 2003. "Gene expression profiles in nemaline myopathy sub-groups". *NEUROMUSCULAR DISORD* 13 (7-8): 618-619. World Muscle Society. Szeged, Hungary.
 - 31) **Sanoudou D**, Corbett MA, Haslett JN, Han M, Kunkel LM, Hardeman EC, Beggs AH. 2003. "Muscle specific transcriptional changes in nemaline myopathy mice". *AM J HUM GENET* 73 (5): 1579. American Society of Human Genetics. Los Angeles, USA.
 - 32) Liadaki K, **Sanoudou D**, Schienda J, Kho A, Beggs AH, Kunkel LM. 2003. Transcriptional profiling of adult mouse muscle and bone marrow SP cells. *AM J HUM GENET* 73 (5): 1566. American Society of Human Genetics. Los Angeles, USA.
 - 33) **Sanoudou D**, Haslett JN, Greenberg SA, Kho AT, Kohane IS, Kunkel LM, Beggs AH. 2003. "Deciphering neuromuscular disease by microarrays". Hellenic Society for Biochemistry and Molecular Biology. Athens, Greece.
 - 34) Gazda H, **Sanoudou D**, Beggs AH and Sieff CA. 2003. Identification of candidate genes on chromosome 8p Diamond Blackfan anemia using microarrays. *BLOOD* 102 (11): 1837 Part 1. American Society for Hematology. San Diego, USA.
 - 35) **Sanoudou D**, J.N. Haslett, S.A. Greenberg, A.T. Kho, I.K. Kohane, L.M. Kunkel, A.H. Beggs. 2004. "The study of gene expression in improved prognosis of neuromuscular disorders". Annual Hellenic Medical Conference, Athens, Greece.
 - 36) Gazda H, **Sanoudou D**, Kho AT, Zaucha JM, Sieff CA, Beggs AH. 2004. "Gene Expression changes in bone marrow cells from Diamond-Blackfan anemia patients". 5th International Diamond-Blackfan Anemia Consensus Conference, New York, USA.
 - 37) Kang PB, Kho AT, **Sanoudou D**, Haslett JN, Dow C, Han M, Blasko J, Lidov HGW, Beggs AH, Kunkel LM. 2004. "Variations in gene expression among different types of human skeletal muscle". *NEUROMUSCULAR DISORD* 14 (7-8): 619. World Muscle Society. Gothenburg, Sweden.
 - 38) **Sanoudou D**, Buj-Bello A, Burlison T, Pierson C, Laporte J, Mandel JL, Beggs AH. 2004. "The transcriptome of X-linked recessive myotubular myopathy (XMTM) muscle". American Society of

Human Genetics. Toronto, Canada.

- 39) Tomczak K, Zerra PE, Buj-Bello A, Pierson CR, **Sanoudou D**, Laporte J, Mandel JL, Beggs AH. 2005. "siRNA knockdown of myotubularin results in transcriptional but not morphologic changes during myogenic differentiation in C2C12 cells". Experimental Biology, Annual Meeting. San Diego, USA.
- 40) Gazda H, **Sanoudou D**, Kho AT, Zaucha JM, Sieff CA, Beggs AH. 2005. "Gene Expression changes in bone marrow cells from Diamond-Blackfan anemia patients". American Society for Hematology. San Diego, USA. BLOOD 104 (11): 206A-207A 720 Part 1
- 41) **Sanoudou D**, Buj-Bello A, Pierson C, Tomczak K, Burleson T, Laporte J, Mandel JL, Beggs AH. 2005. "Molecular consequences of MTM1 mutations in X-linked myotubular myopathy muscle". European Society of Human Genetics Annual Meeting, Prague.
- 42) **Sanoudou D**, Corbett MA, Arvanitis D, Vafiadaki E, Spiliopoulou C, Hardeman EC, Beggs AH. 2005 "The molecular signature of diaphragm". 31st Panhellenic Medical Conference, Athens, Greece.
- 43) Gazda H, , Kho AT, **Sanoudou D** Zaucha JM, Sieff CA, Beggs AH. 2005. "Defective ribosomal protein gene expression alters transcription, translation and oncogenic pathways in Diamond-Blackfan anemia". American Society for Hematology. BLOOD 106 (11): 990A-990A 3546 Part 1
- 44) Tomczak K, Zerra PE, Buj-Bello A, Pierson CR, **Sanoudou D**, Laporte J, Mandel JL, Beggs AH. 2005. "Myotubularin siRNA knockdown in C2C12 cells results in upregulation of doublecortin". 2nd International Myology Congress, Nantes, France.
- 45) Arvanitis DA, **Sanoudou D**, Vafiadaki E, Haghghi K, Kolokathis F, Kremastinos D, Kontrogianni-Konstantopoulos , Kranias EG. 2005. "Mutation screening of histidine rich calcium binding protein (HRC) gene in heart failure patients". International Mutation Detection Conference 2005, Santorini, Greece.
- 46) Arvanitis DA, Vafiadaki E, **Sanoudou D**, Haghghi K, Kolokathis F, Kremastinos D, Kranias EG, Kontrogianni-Konstantopoulos. 2005. "Mutation analysis of small ankyrin 1(sANK1) gene muscle specific isoform in patients with dilated cardiomyopathy. International Mutation Detection Conference 2005, Santorini, Greece.
- 47) **Sanoudou D**, Arvanitis DA, Papadodima S, Kotretsos P, Corbett MA, Vafiadaki E, Spiliopoulou C, Hardeman EC, Beggs AH. 2005 "Diaphragm: a skeletal muscle unlike all others". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 48) Vafiadaki E, Arvanitis DA, **Sanoudou D**, Papalouka V, Kranias EG, Kontrogianni-Konstantopoulos A. 2005 "A molecular investigation of the role of phospholamban in cardiac muscle". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 49) Papalouka V, Vafiadaki E, Arvanitis DA, Kontrogianni-Konstantopoulos A, Kranias EG, **Sanoudou D**. 2005 "Identifying new binding partners of CSRFP3 through the yeast two-hybrid system". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 50) Arvanitis DA, **Sanoudou D**, Vafiadaki E, Haghghi K, Kolokathis F, Kremastinos DT, Kontrogianni-Konstantopoulos A, Kranias EG. 2005 "Genetic alterations identified in HRC and sANK1 genes in dilated cardiomyopathy patients". 57th Annual Meeting of the Hellenic Society of biochemistry and Molecular Biology. Athens, Greece.
- 51) Drosatos K, Kypreos KE, **Sanoudou D**, Kardassis D, Zannis VI. 2006. "Adenovirus mediated gene transfer of a dominant negative form of the transcriptional factor c-Jun in mice triggers distinct mechanisms with opposing effects on the mouse lipid levels". 7th Annual Conference on Arteriosclerosis, Thrombosis and Vascular Biology, Denver, USA. Arteriosclerosis, thrombosis and vascular biology 26 (5): E66-E66

- 52) Tomczak KK, Pierson C, Zerra, PE, Buj-Bello A, **Sanoudou D**, Laporte J, Mandel JL, Beggs AH. 2006. "Transcriptional changes associated with myotubularin knockdown in differentiating C2C12 myoblasts". New Directions in Skeletal Muscle Biology Meeting, Texas, USA.
- 53) Drosatos K, Kypreos KE, **Sanoudou D**, Kardassis D, Zannis VI. 2006. "Adenovirus mediated gene transfer of a dominant negative form of the transcriptional factor c-Jun in mice triggers distinct mechanisms with opposing effects on the mouse lipid levels". 10th Annual conference of the Hellenic Society of Lipidology and Atherosclerosis, Athens, Greece.
- 54) Skarlas L, Tsavachidou D, Sanoudou D, Likothanassis S, Kalofonos H, Weber BL. 2006. "MAPS: MicroArray Processing Software for management, data mining and visualization of gene expression data". International Conference in Computational Methods in Science and Engineering 2006 (ICCMSE 2006). Crete, Greece.
- 55) Tomczak KK, Pierson CR, Zerra PE, Buj-Bello A, Sanoudou D, Laporte J, Mandel JL, Beggs AH. 2007. "siRNA knockdown of myotubularin results in transcriptional up-regulation of doublecortin during myogenic differentiation in C2C12 cells". American Academy of Neurology Annual Meeting. Boston, MA, USA.
- 56) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kontrogianni-Konstantopoulos A, Kranias EG. 2007. "HAX-1 is a new interacting protein of Phospholamban and a novel regulator of calcium homeostasis and cardiac cell survival". European Society of Human Genetics Annual Meeting, Nice, France.
- 57) Drosatos K, **Sanoudou D**, Kypreos KE, Kardassis D, Zannis VI. 2007. "A dominant negative form of the transcriptional factor c-Jun affects two lipid metabolism related genes that result in opposite effects on mouse plasma lipid levels". European Society of Human Genetics Annual Meeting, Nice, France.
- 58) Arvanitis DA, Vafiadaki E, Mitton BA, Gregory KN, Del Monte F, Kontrogianni-Konstantopoulos A, Kranias EG, **Sanoudou D**. 2007. "Histidine-Rich Calcium Interacts with SERCA2 in a Ca-dependent manner". European Society of Human Genetics Annual Meeting, Nice, France.
- 59) Depaulis A, Vafiadaki E, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2007. "VALAPODYN: Validated Predictive Dynamic Model of Complex Intracellular Pathways Related to Cell Death and Survival". European Society of Human Genetics Annual Meeting, Nice, France.
- 60) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kontrogianni-Konstantopoulos A, Kranias EG. 2007. "Identification of a Novel Interaction Between HAX-1 and Phospholamban in Cardiac Muscle and its Role in Cell Survival". European Society of Cardiology Annual Congress.
- 61) Arvanitis DA, Vafiadaki E, Mitton BA, Gregory KN, Del Monte F, Kontrogianni-Konstantopoulos A, **Sanoudou D**, Kranias EG. 2007. "Histidine-Rich Calcium Binding Protein as Novel Mediator Between Sarcoplasmic Reticulum Ca uptake and Release". European Society of Cardiology Annual Congress.
- 62) Depaulis A, Vafiadaki E, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2007. "VALAPODYN: Validated Predictive Dynamic Model of Complex Intracellular Pathways Related to Cell Death and Survival". International Proteomics Conference - From Discovery to Applications, Crete, Greece.
- 63) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kontrogianni-Konstantopoulos A, Kranias EG. 2007. "HAX-1 is a novel interacting protein of Phospholamban in cardiac muscle". Annual Conference of the Greek Society for Biological Sciences, Kavala, Greece.
- 64) Depaulis A, Vafiadaki E, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2007. "VALAPODYN:

- Validated Predictive Dynamic Model of Complex Intracellular Pathways Related to Cell Death and Survival". Annual Conference of the Greek Society for Biological Sciences, Kavala, Greece.
- 65) Arvanitis DA, Vafiadaki E, Mitton BA, Gregory KN, Del Monte F, Kontrogianni-Konstantopoulos A, **Sanoudou D**, Kranias EG. 2007. "HRC protein binds to SERCA2". Annual Conference of the Greek Society for Biological Sciences, Kavala, Greece.
 - 66) Depaulis A, Vafiadaki E, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2007. "VALAPODYN: Validated Predictive Dynamic Model of Complex Intracellular Pathways Related to Cell Death and Survival". Proteomics Europe 2007, Amsterdam, Netherlands.
 - 67) Arvanitis DA, Kolokathis F, **Sanoudou D**, Vafiadaki E, Theodorakis GN, Kontrogianni-Konstantopoulos A, Paraskevaïdis IA, Adamopoulos S, Dorn G II, Kremastinos D, Kranias EG. 2007. "Ser96Ala Variant of Histidine-Rich Calcium Binding Protein Is Associated With Malignant Ventricular Arrhythmias in Nonischemic Dilated Cardiomyopathy". 28th Panhellenic Cardiological Congress, Rhodes, Greece.
 - 68) Jackers P, Bertrand V, Vafiadaki E, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, Dumas Milne Edwards JB, **Sanoudou D**, Depaulis A, De Pauw E. 2007 "Dynamic proteomics of mice hippocampus to study apoptosis". Proteomics Europe, Amsterdam, Netherlands.
 - 69) Arvanitis DA, Zhao W, Vafiadaki E, Haghighi K, Kranias EG, **Sanoudou D**. 2007. "Alterations in cardiac electrophysiology of the phospholamban knock-out mouse expressing the human ortholog protein". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 70) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kranias EG, Kontrogianni-Konstantopoulos A. 2007. "HAX-1 interacts with phospholamban and represents a novel regulator of calcium homeostasis and cell survival in cardiac muscle". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 71) Arvanitis DA, Vafiadaki E, Fan GC, Mitton BA, Gregory KN, Del Monte F, Kontrogianni-Konstantopoulos A, Kranias EG, **Sanoudou D**. 2007. "A novel role for HRC in cardiomyocyte Ca²⁺ cycling through interaction with SERCA2". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 72) Galata Z, Papalouka V, Oikonomaki M, Arvanitis DA, Kolokathis F, Kremastinos D, Kranias EG, **Sanoudou D**. 2007. "Searching for cardiac myosin binding protein C sequence variations in dilated cardiomyopathy patients". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 73) Papalouka V, Vafiadaki E, Arvanitis DA, Kontrogianni-Konstantopoulos A, Kranias EG, **Sanoudou D**. 2007. "MyBP-C3, a novel interacting partner of CSRFP3". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 74) Vafiadaki E, Depaulis A, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2007. "A systems biology approach targeting neurological disease from genomics *in silico* predictive models". 59th Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
 - 75) Vafiadaki E, **Sanoudou D**, Arvanitis DA, Catino DH, Kranias EG, Kontrogianni-Konstantopoulos A. 2007. "HAX-1 interacts with phospholamban and represents a novel regulator of calcium homeostasis and cell survival in cardiac muscle". Leducq Foundation Transatlantic Meeting, New York, USA.
 - 76) Arvanitis DA, Vafiadaki E, Fan GC, Mitton BA, Gregory KN, Del Monte F, Kontrogianni-Konstantopoulos A, **Sanoudou D**, Kranias EG. 2007. "A novel role for HRC in cardiomyocyte Ca²⁺

- cycling through interaction with SERCA2". 2007. Leducq Foundation Transatlantic Meeting, New York, USA.
- 77) Sanoudou D, Kretz C, Beggs AH, Laporte J, Buf-Bello A, Mandel J, Al-Qusairi. 2007. "Molecular mechanisms underlying X-linked myotubular myopathy". 12th International Congress of the World Muscle Society, Sicily, Italy.
 - 78) Jackers P, Bertrand V, Vafiadaki E, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, Dumas Milne Edwards JB, **Sanoudou D**, Depaulis A, De Pauw E. 2008. "Dynamic proteomics of mice hippocampus to study apoptosis". Annual Meeting of the Belgian Society for Mass Spectrometry, Beerse, Belgium.
 - 79) Arvanitis DA, Dong M, Zhao W, Vafiadaki E, Kranias EG, Wang H-S, **Sanoudou D**. 2008. "Analysis of a "humanized" phospholamban mouse model reveals new pathways linking Ca²⁺ cycling and cardiac electrophysiology". XXVIII European Section Meeting of the International Society for Heart Research, Athens, Greece
 - 80) Arvanitis DA, **Sanoudou D**, Kolokathis F, Vafiadaki E, Kontrogianni A, Theodorakis G, Paraskevaidis I, Adamopoulos S, Dorn GW II, Kremastinos D, Kranias EG. 2008. "HRC polymorphism associated with life-threatening ventricular arrhythmias in cardiomyopathy patients". XXVIII European Section Meeting of the International Society for Heart Research, Athens, Greece
 - 81) Arvanitis DA, Dong M, Zhao W, Papalouka V, Kranias EG, Wang H-S, **Sanoudou D**. 2008. "Significant impairments in ion transport and cardiac cytoarchitecture in the "humanized" phospholamban mouse model". 3rd International Myology Congress, Marseille, France.
 - 82) Al-Qusairi L, Weiss N, **Sanoudou D**, Berbey C, Messaddeq N, Kretz C, Allard B, Beggs AH, Mandel JL, Jacquemond V, Laporte J, Buj Bello A. 2008. "Defects in excitation-contraction coupling in X-linked myotubular myopathy". 3rd International Myology Congress, Marseille, France.
 - 83) Arvanitis DA, **Sanoudou D**, Kolokathis F, Vafiadaki E, Kontrogianni A, Theodorakis G, Paraskevaidis I, Adamopoulos S, Dorn GW II, Kremastinos D, Kranias EG. 2008. "A genetic variant of the histidine-rich calcium binding protein confers susceptibility to arrhythmogenesis and sudden cardiac death in DCM patients". 3rd International Myology Congress, Marseille, France.
 - 84) Vafiadaki E, Depaulis A, Jackers P, Arvanitis DA, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2008. "Developing predictive dynamic models of complex intracellular networks for neurological disease". 33rd Federation of European Biochemical Societies (FEBS) Congress, Athens, Greece.
 - 85) Kolokathis F, Arvanitis DA, **Sanoudou D**, Vafiadaki E, Theodorakis G, Paraskevaidis I, Adamopoulos S, Dorn GW II, Kremastinos D, Kranias EG. 2008. "A Histidine-Rich Calcium binding protein genetic variant is associated with malignant ventricular arrhythmias in patients with dilated cardiomyopathy". European Society of Cardiology Congress 2008, Munich, Germany.
 - 86) Arvanitis DA, Dong M, Zhao W, Papalouka V, Kranias EG, Wang H-S, **Sanoudou D**. 2008. "Changes in Ca homeostasis lead to electrical and structural remodeling of the heart in the "human PLN" mouse model". 40th European Human Genetics Congress, Barcelona, Spain.
 - 87) Depaulis A, Vafiadaki E, Jackers P, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, De Pauw E, Dumas Milne Edwards JB, **Sanoudou D**. 2008. "VALAPODYN: a new systems biology approach to develop predictive dynamic models of complex intracellular networks for neurological disease". 9th International Conference on Systems Biology, Gothenburg, Sweden.
 - 88) Vafiadaki E, Arvanitis DA, Pagakis SN, Papalouka V, **Sanoudou D**, Kontrogianni-Konstantopoulos A, Kranias EG. 2008. "HAX-1 interacts with SERCA2 and regulates its protein levels to promote cell survival". Mitochondrial Biology in Cardiovascular Health and Disease. National Institute of Health, Bethesda, USA.

- 89) Vorkas P, **Sanoudou D**. 2008. "Microarrays in Oncology for improved diagnosis, prognosis and pharmacogenomics". Seminars in Oncology 2008, Athens, Greece.
- 90) Jackers PS; Vafiadaki E; Arvanitis DA; Kel-Margoulis OV; Wingender E; Vujasinovic T; Greenberg D; Soreq H; Dumas Milne Edwards JB; **Sanoudou D**; Depaulis A; De Pauw EA. 2009. "Quantitative dynamic proteome biology of anterior mice hippocampus". The American Society for Biochemistry and Molecular Biology (ASBMB), Tahoe City, California, USA.
- 91) **Sanoudou D**, Drosatos K, Duka A, Tserga A, Haye KC and Zannis VI. 2009. "ESRRG participates in the fibrate mediated activation of genes of lipid and lipoprotein metabolism in a human APOA-1 transgenic mouse model – a pharmacogenomics approach". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 92) Papalouka V, Arvanitis DA, Vafiadaki E, Mavroidis M, Papadodima SA, Spiliopoulou CA, Kremastinos DT, Kranias EG, **Sanoudou D**. 2009. "Muscle Lim protein interacts with cofilin 2 and regulates F-actin dynamics in cardiac and skeletal muscle". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 93) Papalouka V, Vafiadaki E, Arvanitis DA, Tserga A, Kranias EG, **Sanoudou D**. 2009. "Identification and characterization of a novel isoform of muscle LIM protein". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 94) Tserga A, Vafiadaki E, Arvanitis DA, Papalouka V, **Sanoudou D**, Mantzoros C. 2009. "Characterization of global molecular pathways implicated in the pharmacological action of the metabolic mediator CNTF-_{AX15}". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 95) Pitychoutis P, **Sanoudou D**, Kyriakides I, Laspa M, Tsonis P, Tomlinson CR, Papadopoulou-Daifoti Z. 2009. "Molecular signatures of stress response in "novelty seeker" rats". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 96) Arvanitis DA, Vafiadaki E, Papalouka V, Tserga A, **Sanoudou D**, Valdivia HH, Kranias EG. 2009. "The cardiac ryanodine receptor interacts with junction through distinct binding sites". 61st Annual Meeting of the Hellenic Society of Biochemistry and Molecular Biology. Athens, Greece.
- 97) **Sanoudou D**, Drosatos D, Duka A, Hayes KC, Zannis VI. 2009. "Pharmacogenomic analysis of the liver response to fibrates". 5th International Greek Biotechnology Forum, Athens, Greece.
- 98) Papalouka V, Vafiadaki E, Arvanitis DA, Kranias EG, **Sanoudou D**. 2009. "Identification of MYBP-C3 as a novel interacting partner of CSR3 – a novel therapeutic target for dilated cardiomyopathy?". 5th International Greek Biotechnology Forum, Athens, Greece.
- 99) Arvanitis DA, Dong M, Zhao W, Papalouka V, Kranias EG, Wang HS, **Sanoudou D**. 2009. "Changes in gene expression and physiology in human phospholamban expressing mouse heart". 5th International Greek Biotechnology Forum, Athens, Greece.
- 100) Vafiadaki E, Tserga A, Jackers P, Kel-Margoulis O, Wingender E, Vujasinovic T, Greenberg D, Soreq H, DePauw E, Dumas Milne Edwards JB, Depaulis A, **Sanoudou D**. 2009. "VALAPODYN: identifying new drug targets in neurological diseases by developing predictive dynamic models of complex intracellular networks." 5th International Greek Biotechnology Forum, Athens, Greece.
- 101) Vafiadaki E, Arvanitis DA, Pagakis SN, Papalouka V, **Sanoudou D**, Kontrogianni-Konstantopoulos A, Kranias EG. 2009. "The anti-apoptotic protein HAX-1 interacts with SERCA2 and regulates its protein levels to promote cell survival". 5th International Greek Biotechnology Forum, Athens, Greece.
- 102) **Sanoudou D**, Drosatos D, Duka A, Tserga A, Hayes KC, Zannis VI. 2009. "Liver overexpression of ESRRG following fenofibrate treatment, activates lipid and lipoprotein metabolism genes". 12th Panhellenic Conference of Lipidology, Atherosclerosis and Vascular Disease, Athens, Greece.

- 103) Vafiadaki E, Arvanitis DA, Yap S, Pagakis SN, **Sanoudou D**, Kontrogianni-Konstantopoulos A, Kranias EG. 2009. "HAX-1: anti-apoptotic protein with emergin roles in cardiac muscle". Molecular Regulation of Cardiac Disease Meeting, London, UK.
- 104) Sakellariou A, **Sanoudou D**, Spyrou G. 2009. "Investigating the minimum required number of genes for optimum classification of myopathy microarray data". 9th International Conference on Information Technology and Applications in Biomedicine, Larnaka, Cyprus.
- 105) Jackers PS; Vafiadaki E; Arvanitis DA; Kel-Margoulis OV; Wingender E; Vujasinovic T; Greenberg D; Soreq H; Dumas Milne Edwards JB; **Sanoudou D**; Depaulis A; De Pauw EA. 2009. "Quantitative dynamic proteome biology of anterior mice hippocampus". Signal Transduction and Disease, Aachen, Germany.
- 106) **Sanoudou D**, Drosatos D, Duka A, Tserga A, Hayes KC, Zannis VI. 2009. "Esrrg participates in the fibrate mediated activation of lipid and lipoprotein metabolism in a human apoA-I transgenic mouse model – a Pharmacogenomic approach". 5th Panhellenic Pharmacology Conference, Athens, Greece.
- 107) Matthes F, Steinbrecher JH, Salinas-Riester G, Opitz L, Arvanitis DA, Vafiadaki E, Tzimas C, Hasenfuss G, Kranias EG, **Sanoudou D**, Lehnart SE. 2010. "Molecular genomics of cardiac remodeling following changes in intracellular calcium release". Frontiers in CardioVascular Biology, Berlin, Germany.
- 108) Arvanitis DA, Papalouka V, Vafiadaki E, Papadodima S, Spiliopoulou CA, Kremastinos DT, Kranias EG, **Sanoudou D**. 2010. "CSRP3 interacts with CFL and regulates actin cytoskeleton dynamics". 16th Panhellenic Conference of Clinical Oncology, Athens, Greece.
- 109) Arvanitis DA, Vafiadaki E, **Sanoudou D**, Kranias EG. 2010. "Identification of novel variants in genes associated with cardiac arrhythmias". EUTrigTreat Annual Meeting, Glasgow, UK.
- 110) Vafiadaki E, Arvanitis DA, Tzimas C, **Sanoudou D**, Kranias EG. 2010. "Novel molecular pathways of genetic and environmental factors which modulate arrhythmia susceptibility". EUTrigTreat Annual Meeting, Glasgow, UK.
- 111) Matthes F, Arvanitis DA, Vafiadaki E, Tzimas C, Kranias EG, Lehnart SE, Sanoudou D. 2010. "Novel molecular pathways of genetic and environmental factors which modulate arrhythmia susceptibility". EUTrigTreat Annual Meeting, Glasgow, UK.
- 112) Arvanitis DA, Vafiadaki E, **Sanoudou D**, Kranias EG. 2010. "The cardiac ryanodine receptor interacts with junctin through distinct binding sites", EUTrigTreat Annual Meeting, Glasgow, UK.
- 113) Pitychoutis P, **Sanoudou D**, Kyriakides I, Laspa M, Tomlinson CR, Tsonis P, Papadopoulou-Daifoti Z. 2010. "Effects of FST exposure in rats selected for their high novelty seeking behaviour: screening for gene expression in the hippocampus". XVIIIth World Congress on Psychiatric Genetics, Athens, Greece.
- 114) **Sanoudou D**. 2010. "Clinical applications of Microarrays in Rheumatology". Seminar on the Scientific Basis of Rheumatology – A Primer for Clinicians, 10-12th September, 24th-27th November, Athens, Greece.
- 115) Arvanitis DA, Vafiadaki E, Papandreou ME, **Sanoudou D**, Kranias EG. 2010. "EUTrigTreat: Identification of novel variants in genes associated with cardiac arrhythmias". Annual Conference of the Panhellenic Union of Bioscientists, 24th-27th November, Athens, Greece.
- 116) Arvanitis DA, Vafiadaki E, Valdivia HH, **Sanoudou D**, Kranias EG. 2010. "The cardiac ryanodine receptor interacts with junctin through distinct binding sites". Annual Conference of the Panhellenic Union of Bioscientists, 24th-27th November, Athens, Greece.

- 117) Vafiadaki E, Papalouka V, Arvanitis DA, Kranias EG, **Sanoudou D**. 2010. "Identification of a novel isoform of Muscle Lim Protein in cardiac and skeletal muscle". Annual Conference of the Panhellenic Union of Bioscientists, 24th-27th November, Athens, Greece.
- 118) Papandreou ME, Pitychoutis P, Tsonis P, Tomlinson CR, **Sanoudou D**, Papadopoulou-Daifoti Z. 2010. "Molecular signatures of stress response in "novelty seeker" rats". Annual Conference of the Panhellenic Union of Bioscientists, 24th-27th November, Athens, Greece.
- 119) Tsoibanidis A, Katsoulis E, **Sanoudou D**. 2011. "Bioinformatical approaches in microarray data analysis in pharmacogenomics". 35th Annual Panhellenic Medical Conference, Athens, Greece.
- 120) **Sanoudou D**, Pitychoutis P, Papandreou ME, Tomlinson CR, Tsonis P, Papadopoulou-Daifoti Z. 2011. "Molecular signatures associated with response to stress in rats with differential novelty seeking behaviour". 10th Panhellenic Pharmacology Conference, Athens, Greece.
- 121) Tsoibanidis A, Katsoulis E, **Sanoudou D**. 2011. "The Ciliary Neutrophilic Factor: the key to treating obesity?". 5th International Forum of Medical Students & 17th Scientific Conference of Greek Medical Students, 6th-8th May, Crete, Greece.
- 122) Arvanitis DA, Vafiadaki E, Han P, Singh VP, Cheng H, **Sanoudou D**, Kranias EG. 2011. "Characterization of HRC Ser96Ala Polymorphism Association with Cardiac Arrhythmias". EUTrigTreat Annual Meeting, 22-24th June, Utrecht, The Netherlands.
- 123) Vafiadaki E, Pritchard TJ, Singh VP, Arvanitis DA, Tzimas C, **Sanoudou D**, Kranias EG. 2011. "SR Ca-uptake protein complexes and arrhythmia mechanisms". EUTrigTreat Annual Meeting, 22-24th June, Utrecht, The Netherlands.
- 124) Vafiadaki E, Arvanitis DA, Tzimas C, **Sanoudou D**, Kranias EG. 2011. "Sarcoplasmic reticulum calcium homeostasis and the control of contractility in cardiac muscle". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 125) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, **Sanoudou D**, Cokkinos DV. 2011. "Border zone sarcoplasmic reticulum calcium transport and apoptosis influence the progression to congestive heart failure post experimental myocardial infarction". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 126) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, Cokkinos DV, **Sanoudou D**. 2011. "Early alterations of sarcoplasmic reticulum calcium transport and apoptotic indices towards improving cell survival after acute myocardial ischemia/reperfusion". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 127) Tzimas C, Arvanitis DA, Vafiadaki E, Sanoudou D, Kranias EG. 2011. "Characterizing arrhythmogenesis mechanisms and evaluating novel drug treatments". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 128) Arvanitis DA, Vafiadaki E, Papalouka V, Kranias EG, **Sanoudou D**. 2011. "Sarcomere assembly: shedding light to normal muscle function and disease pathogenesis". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 129) Sakellariou A, Sanoudou D, Spyrou G. 2011. "A hybrid feature selection approach combining multiple hypothesis testing and affinity propagation for improved microarray classification". Biomedical Research Foundation of the Academy of Athens Retreat 2011, 24-25th June, Athens, Greece.
- 130) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, **Sanoudou D**, Cokkinos DV. 2011. "Border zone sarcoplasmic reticulum calcium transport and apoptosis influence the progression to congestive heart failure post experimental myocardial infarction." European Society of Cardiology Congress 2011, 27-31 August, Paris, France.
- 131) Vafiadaki E, Lam CK, Zhao W, Arvanitis DA, **Sanoudou D**, Kontrogianni-Konstantopoulos A,

- Kranias EG. 2011. "HAX1: a mitochondrial anti-apoptotic protein with emergin roles in cardiac muscle". Mitochondria in Cardiovascular Disease Meeting, 5-6th September, London, UK.
- 132) **Sanoudou D.** "Sex differences in the personalization of antidepressant treatments". 2011. 2nd Panhellenic Conference on Clinical Neuropsychopharmacology, 13-15th October, Athens, Greece.
- 133) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, **Sanoudou D**, Cokkinos DV. 2011. "Factors implicated in sarcoplasmic reticulum calcium cycling and apoptosis in myocardial ischemia/reperfusion". Panhellenic Congress of Cardiology 2011, 21-23 October, Athens, Greece.
- 134) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, **Sanoudou D**, Cokkinos DV. 2012. "The myocardium is influenced by sarcoplasmic reticulum calcium transport and apoptotic factors from early ischemia/reperfusion to late remodeling". 22nd French Society of Cardiology Annual Meeting, 11-14th January, Paris, France.
- 135) Vafiadaki E, Papalouka V, Arvanitis DA, Terzis G, Spengos K, Kranias EG, Manta P, **Sanoudou D.** 2012. "Characterization of a novel Muscle Lim Protein isoform, with important implications in muscle physiology and pathophysiology". Frontiers in CardioVascular Biology 2012, 30th March-1st April, London, UK.
- 136) Cokkinos DV, Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, **Sanoudou D.** 2012. "Sarcoplasmic Reticulum Calcium Uptake Changes and Cell Survival After Experimental Acute Myocardial Infarction". 61st Annual Scientific Session & Expo, ACC.12, 24-26th March, Chicago, USA.
- 137) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, Cokkinos DV, **Sanoudou D.** 2012. "Early alterations of sarcoplasmic reticulum calcium uptake and apoptosis towards improving cell survival after acute myocardial ischemia/reperfusion". Frontiers in CardioVascular Biology 2012, 30th March-1st April, London, UK.
- 138) Vafiadaki E, Papalouka V, Arvanitis DA, **Sanoudou D**, Kranias EG. "Regulatory protein complexes mediated by protein phosphatase-1 and their impact on SR Ca-uptake and cardiac function". Frontiers in CardioVascular Biology 2012, 30th March-1st April, London, UK.
- 139) Zannis V, Kardassis D, **Sanoudou D.** 2012. "HDL Heterogeneity and HDL Functions". HDLnet COST action meeting "HDL: From Biological Understanding to Clinical Exploitation", 26-27 January 2012, Barcelona, Spain.
- 140) Tsompanidis A, Vafiadaki E, **Sanoudou D**, Mantzoros C. "Pharmacogenomic study of CNTF in skeletal muscle." 9th Panhellenic Obesity Conference, 1-3 March, 2012, Athens, Greece.
- 141) Vafiadaki E, Papalouka V, Arvanitis DA, Terzis G, Spengos K, Kranias EG, Manta P, **Sanoudou D.** "Characterization of a novel Muscle Lim Protein isoform, with important implications in muscle physiology and pathophysiology". Frontiers in CardioVascular Biology 2012, 30 March- 1st April 2012 , London, UK.
- 142) Vafiadaki E, Qian J, Arvanitis DA, **Sanoudou D**, Kranias EG. "Regulatory protein complexes mediated by protein phosphatase-1 and their impact on SR Ca-uptake and cardiac function". Frontiers in CardioVascular Biology 2012, 30 March- 1st April 2012 , London, UK.
- 143) Arvanitis DA, Mourouzis I, Pantos C, Kranias EG, Cokkinos DV, **Sanoudou D.** "Early alterations of sarcoplasmic reticulum calcium uptake and apoptosis towards improving cell survival after acute myocardial ischemia/reperfusion". Frontiers in CardioVascular Biology 2012, 30 March- 1st April 2012 , London, UK.
- 144) Valanti E, Fotakis P, Beck M, Kardassis D, **Sanoudou D.** "Molecular assessment of the atheroprotective role of apoE3 containing HDL on endothelial cells". 21st Conference "Pathology Days", 16-17th March, Athens, Greece.
- 145) Valanti E, Fotakis P, Beck M, Kardassis D, **Sanoudou D.** "Pharmacogenomic analysis of the atheroprotective role of apoE3 containing HDL in human endothelial cells". 7th Panhellenic

Pharmacology Conference, 18-20th May 2012, Thessaloniki, Greece.

- 146) Arvanitis DA, Vafiadaki E, Tzimas C, Kranias EG, **Sanoudou D**. "Mutation screening of HRC and Junctin genes in the EUTrigTreat patient cohort". FP7 EUTrigTreat network meeting, 20-22 June, Beatenberg, Switzerland.
- 147) Vafiadaki E, Qian J, Pritchard TJ, Arvanitis DA, **Sanoudou D**, Kranias EG. "Regulatory protein complexes mediated by protein phosphatase-1 and their impact on SR Ca²⁺-uptake and cardiac function". FP7 EUTrigTreat network meeting, 20-22 June, Beatenberg, Switzerland.
- 148) **Sanoudou D**, Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V. "Recombinant apoE3 containing HDL affects the migration of human endothelial cells.". 15th Panhellenic Lipidology Conference, 18-20th October 2012, Athens, Greece.
- 149) Vafiadaki E, Arvanitis DA, Papalouka V, Terzis G, Roumeliotis ThI, Spengos K, Garbis SD, Manta P, **Sanoudou D**. "Molecular characterization of a novel Muscle Lim Protein isoform, with important implications in the physiology and pathophysiology of cardiac muscle". 33rd Pahnellenic Congress of Cardiology, 1-3rd November 2012, Athens, Greece.
- 150) Valanti E, Fotakis P, Beck M, Kardasis D, **Sanoudou D**. "Recombinant apoE3 containing HDL affects the molecular mechanisms of human endothelial cell function and migration.". 33rd Pahnellenic Congress of Cardiology, 1-3rd November 2012, Athens, Greece..
- 151) Tzimas C, Kostomitsopoulos N, Kremastinos D, Kranias EG, **Sanoudou D**. "New anti-arrhythmia drugs: evaluation of CAMKII inhibitors in a novel mouse model of ventricular arrhythmias". 33rd Pahnellenic Congress of Cardiology, 1-3rd November 2012, Athens, Greece.
- 152) Kalozoumi G, Bernard H, Kel-Margoulis O, Heinrich C, Wingender E, Depaulis A, **Sanoudou D**. "Molecular analysis of pathogenetic mechanisms in a mouse model for Mesio-Temporal Lobe Epilepsy". 1st Interdisciplinary Congress on Psychiatry and Related Sciences 29th November-2nd December 2012, Athens, Greece.
- 153) Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, **Sanoudou D**. "Molecular evaluation of the recombinant apoE3 containing HDL effect on human endothelial cell migration mechanisms". 5th Panhellenic Atherosclerosis Conference, 29th November – 1st December 2012, Athens, Greece.
- 154) Valanti E, Drosatos C, Fotakis P, Duka A, Kardasis D, Zannis V, **Sanoudou D**. "Pharmacogenomic assessment of new therapies against atherosclerosis", Conference on "Cardiometabolic disease and pharmacogenetics approaches: latest developments" of the Institute of Biomedical Research and Education, 7-8 December, Ioannina, Greece.
- 155) Vafiadaki E, Arvanitis DA, Papalouka V, Terzis G, Roumeliotis ThI, Spengos K, Garbis SD, Manta P, **Sanoudou D**. "Molecular characterization of a novel Muscle Lim Protein isoform and its role in cardiac muscle". 14th Pahnellenic Congress of Heart Failure, 1-3rd February 2013, Athens, Greece.
- 156) Tzimas C, Kostomitsopoulos N, Kremastinos D, Kranias EG, **Sanoudou D**. "Evaluation of an anti-arrhythmic drug in a junctin knock-out mouse model". 14th Pahnellenic Congress of Heart Failure, 1-3rd February 2013, Athens, Greece.
- 157) Arvanitis DA, Kranias EG, **Sanoudou D**. "The role of HRC in idiopathic dilated cardiomyopathy". 14th Pahnellenic Congress of Heart Failure, 1-3rd February 2013, Athens, Greece.
- 158) Nasias D, Bernard H, Jackers P, De Pauw E, Depaulis A, **Sanoudou D**. "In search of novel therapeutic targets for Mesio Temporal Lobe Epilepsy (MTLE): a global proteomic approach in a amouse model". Pharmacology Days 2013, 2nd March, Athens, Greece.
- 159) Kalozoumi G, Bernard H, Kel-Margoulis O, Heinrich C, Wingender E, Depaulis A, **Sanoudou D**. "Molecular analysis of pathgenetic mechanisms in a mouse model for Mesio Temporal Lobe Epilepsy". Pharmacology Days 2013, 2nd March, Athens, Greece.

- 160) Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, **Sanoudou D**. "Pharmacogenomic profiling reveals altered endothelial cell (EC) migration, survival and apoptosis pathways in response to apolipoprotein E3 (apoE3)-containing HDL treatment". Pharmacology Days 2013, 2nd March, Athens, Greece.
- 161) Tzimas C, Kostomitsopoulos N, Kremastinos D, Kranias EG, **Sanoudou D**. "Novel anti-arrhythmic drugs: evaluation of a known CaMKII inhibitor in a mouse model of ventricular arrhythmias". Pharmacology Days 2013, 2nd March, Athens, Greece.
- 162) Depaulis A, Kalozoumi G, Heinrich C, Nasias D, **Sanoudou D**. "In search of novel therapeutic targets for Mesial Temporal Lobe Epilepsy (MTLE) using a global transcriptomic analysis". International Conference on Challenges in Translational Medicine meeting, 19-20 April 2013 Biomedical Research Foundation of Academy of Athens, Athens, Greece.
- 163) Valanti E, Fotakis P, Beck M, Kardasis D, Zannis V, **Sanoudou D**. "Evaluation of the HDL effect on the expression of migration related genes in endothelial cells". 16th Panhellenic Conference of Lipidology, Atherosclerosis and Vascular disease, 3-5th October 2013, Athens, Greece.
- 164) Arvanitis DA, Vafiadaki E, Papalouka V, Kranias EG, **Sanoudou D**. "Dynamic spatio-temporal interaction of MLP and MyBPC3 during myoblast differentiation to myotubes". 34th Panhellenic Cardiological Conference, 10-12th October 2013, Athens, Greece.
- 165) Nana E, Pitychoutis P, Soussonis V, Arvanitis D, Bouchan R, Barton P, Yacoub M, Terrovitis J, **Sanoudou D**. "Application of new technologies in the global investigation of the genetic basis of dilated cardiomyopathy". 34th Panhellenic Cardiological Conference, 10-12th October 2013, Athens, Greece.
- 166) Tzimas C, Arvanitis D, Vafiadaki E, **Sanoudou D**, Kranias EG. "Characterization of a transgenic mouse model carrying a polymorphism associated with arrhythmias and sudden death in dilated cardiomyopathy patients". 34th Panhellenic Cardiological Conference, 10-12th October 2013, Athens, Greece.
- 167) Vafiadaki E, Arvanitis D, **Sanoudou D**, Kranias EG. "The functional role of the PP1 protein complexes in cardiac muscle". 34th Panhellenic Cardiological Conference, 10-12th October 2013, Athens, Greece.
- 168) Nana E, Pitychoutis P, Soussonis V, Arvanitis DA, Bouchan R, Barton P, Al-Shafai K, Terrovitis J, Sanoudou D, Yacoub M. "Novel genetic variants in dilated cardiomyopathy – an intercontinental approach". QF Annual Research Conference, 23-25th November 2013.
- 169) Al-Shafai K, Sanoudou D, Barton P, Shuayb L, Nana E, Pitychoutis P, Buchan R, Walsh R, Cook S, Yacoub M, Alhashemi M. "Preliminary results and clinical relevance of next generation sequencing in hypertrophic cardiomyopathy patients in Qatar". QF Annual Research Conference, 23-25th November 2013.
- 170) Nasias D, Kouskou M, Tomlinson CR, Tsonis PA, Sanoudou D, Pitychoutis PM, Papadopoulou-Daifoti Z. "The forced swim test induces divergent global transcriptomic alterations in the hippocampus of high versus low novelty seeker rats". 26th Meeting of the Hellenic Neuroscience Society – FP7 REGPOT NEUROSIGN, 29th November – 1st December 2013, Athens, Greece.
- 171) Valanti E, Fotakis P, Beck M, Kardassis D, Zannis V, **Sanoudou D**. "Apolipoprotein E3 (apoE3) - containing HDL treatment induces alterations in endothelial cell (EC) proliferation pathways". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology, 6-8th December 2013, Athens, Greece.
- 172) Kalozoumi G, Bernard H, Kel-Margoulis O, Heinrich C, Wingender E, Depaulis A, **Sanoudou D**. "Pharmacogenomic studies in the hippocampus of a mouse model for Mesio-Temporal Lobe Epilepsy". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology,

6-8th December 2013, Athens, Greece.

- 173) Nasias D, Kalozoumi G, Bernard H, Jackers P, De Pauw E, Depaulis A, **Sanoudou D**. "Proteomic signatures in a mouse model of mesial temporal lobe epilepsy for therapeutic targeting". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology, 6-8th December 2013, Athens, Greece.
- 174) Arvanitis DA, Vafiadaki E, Papalouka V, Kranias EG, **Sanoudou D**. "MLP binding to cMyBP-C is important for myoblasts differentiation to myotubes". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology, 6-8th December 2013, Athens, Greece.
- 175) Vafiadaki E, Arvanitis D, **Sanoudou D**, Kranias EG. "Identification of protein phosphatase-1 complexes that are regulated by cAMP-dependent phosphorylation and impact cardiac contractility". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology, 6-8th December 2013, Athens, Greece.
- 176) Kouskou M, Nasias D, Tomlinson C R., Tsonis P A., **Sanoudou D**, Pitychoutis P M., Papadopoulou-Daifoti Z. "Divergent transcriptomic alterations induced by the Forced Swim Test in the hippocampus of high versus low novelty-seeker rats". 64th Annual Conference of the Hellenic Society for Biochemistry and Molecular Biology, 6-8th December 2013, Athens, Greece.
- 177) Valanti E, Fotakis P, Beck M, Kardassis D, Zannis VI, **Sanoudou D**. "Reconstituted HDL treatment induces alterations in endothelial cell (EC) migration and apoptosis pathways". CARDIO-TECH 2014- International Meeting on Cardiovascular Engineering and Technology, 5th April 2014, Athens - Greece.
- 78) Tzimas C, Terrovitis J, Kostomitsopoulos N, Kranias EG and **Sanoudou D**. "Novel anti-arrhythmic drugs: evaluation of a known CaMKII inhibitor in a mouse model of ventricular arrhythmias". European Society of Cardiology – Heart Failure, 7-20 May 2014, Athens – Greece.
- 179) Vafiadaki E, Arvanitis DA, Papalouka V, Terzis G, Roumeliotis ThI, Spengos K, Garbis SD, Manta P, **Sanoudou D**. Muscle Lim Protein isoform negatively regulates striated muscle actin dynamics and differentiation. European Society of Cardiology – Heart Failure, 7-20 May 2014, Athens – Greece.
- 180) Tsompanidis A, Vafiadaki E, **Sanoudou D**, Mantzoros C. "Pharmacogenomic assessment of the CNTF effects on striated muscles". 8th Biannual Panhellenic Conference for Basic and Clinical Pharmacology, 23-24 May 2014, Athens, Greece.
- 181) C. Tzimas¹, J. Terrovitis², N. Kostomitsopoulos³, E. Kranias⁴ and D. Sanoudou. "Novel anti-arrhythmic drugs: evaluation of a known CaMKII inhibitor (KN-93) in a mouse model of ventricular arrhythmias". 8th Biannual Panhellenic Conference for Basic and Clinical Pharmacology, 23-24 May 2014, Athens, Greece.
- 182) Valanti E, Fotakis P, Kardassis D, Zannis VI, **Sanoudou D**. "Reconstituted HDL treatment induces alterations in primary human aortic endothelial cell (HAEC) migration and apoptosis pathways". 8th Biannual Panhellenic Conference for Basic and Clinical Pharmacology, 23-24 May 2014, Athens, Greece.
- 183) N.S. Koulakiotis, D. Anagnostopoulos, I. Kostakis, I. Chalatsa, **D. Sanoudou**, A, Tsarbopoulos. "Natural Products: A Promising Source for Potential β -Amyloid Inhibitors." 62st ASMS Conference on Mass Spectrometry and Allied Topics. 15 – 19th June 2014. Baltimore, USA.
- 184) Koulakiotis NS, Anagnostopoulos D, Chalatsa I, **Sanoudou D**, Tsarbopoulos A. Amyloid peptide aggregation: is nature a good source for potential inhibitors? Satellite Symposium of the 9th FENS Forum of Neuroscience – Multiple mechanisms of neurodegeneration and progression (MENEDPRO). 10-11th July 2014, Baveno, Italy.
- 185) Bibli S, Andreadou I, Tzimas C, **Sanoudou D**, Hatzianastasiou A, Kranias EG, Kremastinos DT,

- Iliodromitis EK, Papapetropoulos A. "Phospholamban is a final effector of ischemic postconditioning and H₂S induced cardioprotection." European Society of Cardiology Congress 2014, 30 Aug 2014 - 03 Sep 2014, Barcelona – Spain.
- 186) Carr C, **Sanoudou D**, Dilawar M, Helmi S, Nana E, Barton P, Al Khulaifi A, Yacoub MH. Whole exome sequencing of a family with 3 sibling affected by bicuspid aortic valve disease. European Society of Cardiology Congress 2014, 30 Aug 2014 - 03 Sep 2014, Barcelona – Spain.
- 187) Valanti E, Fotakis P, Kardassis D, Zannis VI, **Sanoudou D**. "Reconstituted-HDL treatment induces alterations in primary human aortic endothelial cell (HAEC) migration, apoptosis and proliferation pathways", 37th European Lipoprotein Club Meeting, 8-11th September 2014, Tutzing, Italy.
- 188) F Matthes, C Tzimas, DA Arvanitis, E Vafiadaki, K Gusev, JH Steinbrecher, EG Kranias, G Salinas-Riester, L Opitz, G Hasenfuß, **D Sanoudou**, SE Lehnart. "Sustained catecholaminergic stress leads to diastolic dysfunction and cardiac remodeling in mice with RyR2 patient mutations", Mechanisms of disease and the road to therapy, 12th-13th September 2014, Hanover, Germany.
- 189) Koulakiotis NS, Anagnostopoulos D, Chalatsa I, **Sanoudou D**, Tsarbopoulos A. "Using biodiversity for discovering potential anti-amyloidogenic agents". 2nd Annual International Conference on Pharmacology and Pharmaceutical Sciences (PHARMA 2014), 27-28th October 2014, Singapore.
- 190) **Sanoudou D**, Kolokathis F, Arvanitis DA, Barton P, Al-Shafai K, Tsiapras D, Bouchan R, Walsh R, Cook S, Kremastinos D, Yacoub M. "New genetic polymorphisms with potential modifier effect on PLN L39X related cardiomyopathy patients". 16th Panhellenic Conference on Heart Failure, 30th January-1st February 2015, Athens, Greece.
- 191) Tzimas C, Vafiadaki E, Arvanitis DA, Kranias EG, Sanoudou D. "The HRC-S81A knock-in mouse model exhibits depressed cardiac function, aberrant SR Ca²⁺ cycling and sudden death". 8th Ascona International Workshop on Cardiomyocyte Biology, 3-7th May 2015, Ascona, Italy.
- 192) Chalatsa I, Arvanitis D, Koulakiotis N, Angelis A, Karkoula E, Aligiannis N, Anagnostopoulos D, Giagini A, Kostakis I, Mikros E, Skaltsounis L, Papadopoulou-Daifoti Z, Tsarbopoulos A, **Sanoudou D**. "Toxicity assessment of novel anti-amyloidogenic substances". Annual meeting of the Panhellenic Society for Basic and Clinical Pharmacology, 7th March 2015, Athens, Greece.
- 193) Depaulis A, Kalozoumi G, Kel-Margoulis O, Vafiadaki E, Greenberg D, Bernard H, Soreq H, **Sanoudou D**. "Identification of early biomarkers of mesiotemporal lobe epilepsy by transcriptomic and proteomic analysis in a mouse model induced by intrahippocampal kainate injection". XIII Workshop in Neurobiology in Epilepsy, August 31st – September 4th 2015, Heybeliada Island, Istanbul, Turkey.
- 194) N. Kappa, I. Kostavasili, A. Varela, E. Lekka, C. Tzimas, **D. Sanoudou**, C. Davos, Y. Capetanaki, M. Mavroidis. "C5L2 receptor, a new player in Arrhythmogenic Cardiomyopathy". Frontiers In Cardiovascular Biology-European Society of Cardiology, 8th-10th July 2016, Florence, Italy.
- 195) Tzimas C, Vafiadaki E, Arvanitis DA, Davos CH, Varela A, Athanasiadis NC, Dimitriou C, Katsimpoulas M, Sonntag S, Shmerling D, Lehnart SE, Kranias EG, **Sanoudou D**. "The role of the HRC Ser96Ala variant in the development of arrhythmias and sudden death, through a new transgenic mouse model". 17th Panhellenic Heart Failure Conference, 5th-7th February 2016, Athens, Greece.
- 196) Valanti E, Vafiadaki L, Fotakis P, Kardassis D, Chroni A, Zannis V, **Sanoudou D**. "Reconstituted HDL containing apoE promotes human endothelial cell migration". 19th Panhellenic Conference of Lipidology, Atherosclerosis and Vascular disease, 13-15th October 2016, Athens, Greece.
- 197) Valanti E, Vafiadaki L, Fotakis P, Kardassis D, Chroni A, Zannis V, **Sanoudou D**. "Reconstituted HDL containing apoE promotes migration in primary human endothelial cells". 7th Panhellenic Atherosclerosis Conference, 1st -3rd December 2016, Athens, Greece.

- 198) Tsoukalas A, Valanti E, Vafiadaki E, Fotakis P, Theofilatos D, Kardasis D, Zannis V, Sanoudou D. "Reconstituted HDL containing ApoA1 triggers changes in survival and apoptosis pathways in human aortic endothelial cells". 10th Annual Congress of the Panhellenic Union of Bioscientists, 18th-20th November 2016, Athens, Greece.
- 199) Valanti E, Vafiadaki L, Fotakis P, Kardasis D, Chroni A, Zannis V, **Sanoudou D**. "rHDL-apoE activates multiple cell migration pathways in cultured human endothelial cells". 10th Annual Congress of the Panhellenic Union of Bioscientists, 18th-20th November 2016, Athens, Greece.
- 200) Chalatsa I, Arvanitis D, Giagini A, Valanti E, Koulakiotis N, Aligiannis N, Kostakis I, Angelis A, Karkoula E, Anagnostopoulos D, Mikros E, Skaltsounis L, Papadopoulou-Daifoti Z, Tsarbopoulos A, **Sanoudou D**. "Natural Extracts and Compounds Affecting Amyloid Precursor Protein (APP) Processing and Tau Phosphorylation in Neuronal Cell Lines". 10th Annual Congress of the Panhellenic Union of Bioscientists, 18th-20th November 2016, Athens, Greece.

ANNEX V
BRFAA

LINKS

<http://www.bioacademy.gr/faculty-details/Hsk/despina>
http://www.bioacademy.gr/lab/kranias_sanoudou