



**GERASIMOS SIASOS MD, PhD**  
**ASSOCIATE PROFESSOR**  
**NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS**  
**MEDICAL SCHOOL**

**CURRICULUM VITAE**

**June, 2016**

**Date Prepared:** 10/6/2016

**Name:** Gerasimos Siasos

**Current appointment:** Associate Professor of Molecular Cardiology, 1<sup>st</sup> Department of Cardiology  
University of Athens Medical School, Hippokration General Hospital, Athens, Greece

Research Affiliate , Cardiovascular Division, Brigham and Women's Hospital,  
Harvard Medical School and Harvard-MIT Biomedical Engineering Center,  
Massachusetts Institute of Technology, Boston, MA

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## Curriculum Vitae

**Cell Phone:** +30 6945536261  
**Place of Birth:** Thessaloniki, Greece

**Education**

2003	MD Grade: 8.00/10	Medicine	University of Athens Medical School, Athens, Greece
2007	PhD Grade: Excellent	Cardiology	University of Athens Medical School, Athens, Greece
2008	MSc Grade: 9.3/10	Cardiology Intensive Care Unit	University of Athens Medical School, Athens, Greece

**Postdoctoral Training**

4/2007 - 1/2008	Research Fellow	Cardiology	1 <sup>st</sup> Department of Cardiology, University of Athens Medical School, Hippokration General Hospital, Athens, Greece
4/2007 – 1/2008	Research Fellow	Molecular Cardiology	Department of Biological Chemistry, University of Athens Medical School, Athens, Greece
10/2008 – 7/2009	Resident	Internal Medicine	General Hospital of Limnos, Limnos, Greece
8/2009 – 9/2013	Resident	Cardiology	1 <sup>st</sup> Department of Cardiology, University of Athens Medical School, Hippokration General Hospital, Athens, Greece
7/2011	Trainee	Educational Seminars in Cardiovascular disease	Cambridge University Hospitals
2/2014	Trainee	Transcatheter Aortic Valve Implantation Training Program	Edwards Lifesciences, Nyon, Switzerland

3/2015 – 3/2016	Visiting Scientist	Medicine/Cardiovascular	Vascular Profiling Research Group, Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, MA
9/2015 – present	Research Affiliate	Molecular Cardiology	Harvard-MIT Biomedical Engineering Center, Massachusetts Institute of Technology, Cambridge, MA Brigham and Women's Hospital, Harvard Medical School, Boston, MA

### **Faculty Academic Appointments**

1/2008 – 7/2012	Senior Lecturer	Biochemical Cardiology	Department of Biological Chemistry and 1 <sup>st</sup> Department of Cardiology University of Athens Medical School, Hippokration General Hospital, Athens, Greece
8/2012 – 7/2016	Assistant Professor	Biochemical Cardiology	Department of Biological Chemistry and 1 <sup>st</sup> Department of Cardiology University of Athens Medical School, Hippokration General Hospital, Athens, Greece
4/2015 – 3/2016	Visiting Assistant Professor	Medicine/Cardiovascular	Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, MA
8/2016 - present	Associate Professor	Molecular Cardiology	1 <sup>st</sup> Department of Cardiology University of Athens Medical School, Hippokration General Hospital, Athens, Greece

### **Appointments at Hospitals/Affiliated Institutions**

10/2008 – 7/2009	Resident	Internal Medicine	General Hospital of Limnos, Limnos, Greece
7/2009 – 8/2013	Resident	Cardiology	1 <sup>st</sup> Department of Cardiology, Hippokration General Hospital, Athens, Greece
01/2014 – present	Physician	Cardiologist	1 <sup>st</sup> Department of Cardiology, Hippokration General Hospital, Athens, Greece
4/2015 – 3/2016	Visiting Assistant Professor	Medicine/Cardiovascular	Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, MA

9/2015 – today	Research Affiliate	Molecular Cardiology	Harvard-MIT Biomedical Engineering Center, Massachusetts Institute of Technology, Cambridge, MA  Brigham and Women’s Hospital, Harvard Medical School, Boston, MA
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### **Major Administrative Leadership Positions**

2010 - present	Director, courses of “Molecular Cardiology” in medical students	University of Athens Medical School
2010 - 2015	Elected member of the Administration of the Medical School	University of Athens Medical School
2013 - 2014	Special advisor to the Minister of Health for the University Hospitals and University Departments in Greece	
2014 - 2015	Division Chief, Laboratory of Molecular Cardiology	Hippokration General Hospital, Athens, Greece
2014 - present	Chairman, Secondary Health Committee	Public Power Corporation, Ministry of Health, Greece
2015 - present	Division Chief, Laboratory of Atherosclerosis	Hippokration General Hospital, Athens, Greece

### **Committee Service**

2006 - 2011	Member of the organizing committee of CARDIO-ATHENA International Congress	Hellenic Society of Cardiology, University of Athens Medical School
2010 - present	Member of the National Board of University Education	Ministry of Education, Greek Government
2011 - 2015	Member of the planning committee of Faculty positions	University of Athens Medical School
2011 - present	Member of the program committee of “Applications of Biology in Medicine” Postgraduate Courses	University of Athens
2014 - 2015	Member of the committee of University Hospitals	University of Athens Medical School
2014 - present	European Society of Cardiology Abstract Review Committee	
2015- present	Member of Postdoc Leadership	Brigham and Women’s Hospital,

	Council (PLC), Postdoc Association (PDA)	Harvard Medical School, Boston, MA
2016- present	American Heart Association Abstract Review Committee	

**Professional Societies**

2003 - present	Member of Athens Medical Association
2011 - present	Vice President of the “University of Athens Medical School Faculty Club”
2012 - 2015	Member of Steering Committee of the “Hellenic Federation of University Professor’s Associations, Greece”
2012 - 2014	Member of European Atherosclerosis Society
2012 - present	Member of American Heart Association
2014 - present	Fellow of the American College of Cardiology (FACC)
2014 - present	Fellow of the American College of Chest Physicians (FCCP)
2014 - present	Member of Hellenic Society of Cardiology
2015 - present	Member of Institute For The Study And Education On Thrombosis And Antithrombotic Therapy
2016 - present	Member of Heart Failure Association, European Society of Cardiology

**Editorial Activities**

***Ad hoc* Reviewer**

Journal of the American College of Cardiology  
 European Heart Journal – Heart Failure  
 International Journal of Cardiology  
 Journal of Human Hypertension  
 Atherosclerosis  
 Cardiology  
 Current Medicinal Chemistry  
 Hellenic Journal of Cardiology  
 Current Pharmaceutical Design  
 Current Vascular Pharmacology

Biomarkers in Medicine  
 Current Topics in Medicinal Chemistry  
 Inflammation Research  
 Expert Review in Cardiovascular Therapy  
 Toxicology Letters

**Other Editorial Roles**

2013	Guest Editor	Current Topics in Medicinal Chemistry (I.F. 3.402)
2014	Guest Editor	Current Medicinal Chemistry (I.F. 3.853)
2015	Guest Editor	Current Pharmaceutical Design (I.F. 3.452)
2016	Section Editor for Cardiovascular and Hematological Diseases	Current Medicinal Chemistry (I.F. 3.853)
2016	Member of the Editorial Board	European Heart Journal - Cardiovascular Pharmacotherapy

**Honors and Prizes**

2001	Excellent performance in	University of Athens Medical	
2002	University of Athens Medical	School	PreMD student
2003	School		
2002	Highest score in the University	University of Athens Medical	PreMD student
	of Athens Medical School	School	
2006			
2010	Research Protocol Award	Hellenic Society of Cardiology	
2012			
2013	Young Investigator Award	American College of Cardiology	
2014	Recognized Reviewer Award	Elsevier Publications	
2015	Best Posters	European Society of Cardiology Congress	

2015	Eleventh Annual Northwestern Cardiovascular Young Investigators' Forum	Northwestern University Feinberg School of Medicine Chicago, IL
2016	Best Poster	European Society of Cardiology Congress

### **Funded Projects**

- 2006-2010 “The effect of L-arginine administration on coronary and peripheral arteries in patients with coronary artery disease and in those with risk factors of coronary heart disease”, Hellenic Society of Cardiology.
- 2010-2014 “Study of cardiovascular risk factors, dietary habits and lifestyle in a sample population of island area where recorded very high rates of longevity. Ikaria Study”, Hellenic Society of Cardiology.
- 2010 - 2014 “The effect of polymorphisms CYP450 2C19 and P2Y12 C34T on endothelial and vascular function and subclinical inflammation in patients with coronary artery disease” Hellenic Society of Cardiology.
- 2012 - 2014 “Association of novel biomarkers NGAL and Cystatin-C with vascular function in patients with heart failure”, Hellenic Society of Cardiology.
- 2014 - present “Effects of coffee consumption on vascular function and biomarkers of inflammation, thrombosis and oxidative stress”, Nestle Hellas.
- 2015- 2016 “Impact of Local Endothelial Shear Stress on Coronary Endothelial Function in Patients with Early Coronary Atherosclerosis”, George D. Behrakis Research Fellowship Program.
- 2015- 2016 “Association of Local Endothelial Shear Stress with Prediction of Non-culprit Major Adverse Cardiac Events: The PROSPECT Study”, George D. Behrakis Research Fellowship Program.
- 2015- present “Research on Platelet Function, Endothelial Dysfunction and Shear Stress in Coronary Atherosclerosis”, Institute For The Study And Education On Thrombosis And Antithrombotic Therapy.
- 2016 (submitted) “The Role of Local Coronary Flow Dynamics and Endothelial Shear Stress on Coronary Endothelial Epicardial and Microvascular Dysfunction”, Mayo Clinic and Brigham & Women’s Hospital, Harvard Medical School.



2016 – present Endothelial function and genetic polymorphisms in patients with Diabetes Mellitus. State Scholarships Foundation. Greece

**Teaching of Students in Courses**

2008- present	Biochemistry 2 <sup>nd</sup> year students	University of Athens Medical School, 4-hr sessions per wk for 8 wks
2009- present	Molecular Cardiology 2 <sup>nd</sup> -6 <sup>th</sup> year students	University of Athens Medical School, 4-hr sessions per wk for 8 wks
2010 - 2015	Preventive Cardiology 5 <sup>th</sup> - 6 <sup>th</sup> year students	University of Athens Medical School, 2-hr sessions per wk for 4 wks
2013- 2015	Cardiology, 5 <sup>th</sup> year students	University of Athens Medical School, 3-hr sessions per wk for 12 wks
2011- present	Cardiopulmonary Resuscitation Postgraduate Courses	University of Athens Medical School, 4-hr sessions for 1 wk
2013- 2015	Cardiology Intensive Care Unit Postgraduate Courses	University of Athens Medical School, 4-hr sessions for 1 wk
2013-2015	Biochemistry of Exercise 5 <sup>th</sup> - 6 <sup>th</sup> year students	University of Athens Medical School, 2-hr sessions for 1 wk

**Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)**

2008- 2015	Estimation of Vascular Function Research Fellows	University of Athens Medical School, 1 <sup>st</sup> Dpt of Cardiology, One hour session
2012- 2015	Biomarkers in Cardiology 1 <sup>st</sup> year cardiology residents	University of Athens Medical School, 1 <sup>st</sup> Dpt of Cardiology, One hour session
2012- 2015	Estimation of Vascular Function 1 <sup>st</sup> year cardiology residents	University of Athens Medical School, 1 <sup>st</sup> Dpt of Cardiology, One hour session
2012- 2015	Mechanisms of Atherosclerosis 1 <sup>st</sup> year cardiology residents	University of Athens Medical School, 1 <sup>st</sup> Dpt of Cardiology, One hour session
2015- 2016	Vascular Profiling, Endothelial Function Post-doctoral research fellows	Cardiovascular Division, Brigham and Women’s Hospital, Harvard Medical School, Boston, MA, One hour session

### **Clinical Supervisory and Training Responsibilities**

2014-2015 Clinical Cardiology, University of Athens Medical School, One session per week  
1st Dpt of Cardiology

### **Laboratory and Other Research Supervisory and Training Responsibilities**

2007- 2015 Supervision of post-doctoral research fellows and PhD students / University of Athens Medical School, Daily mentorship, 2 hours/day  
1st Dpt of Cardiology

2015- 2016 Supervision of post-doctoral research fellows/ Cardiovascular Division, Brigham and Women's Hospital, Harvard Medical School, Boston, MA Daily mentorship, 1 hour/day

### **Formally Supervised Trainees and Faculty**

2008-2014 Evangelos Oikonomou, PhD, MD, research fellow and cardiologist at University of Athens Medical School, 1st Dpt of Cardiology  
Mentor - Published over 70 manuscripts, including JACC; Young Investigator Award from Hellenic Society of Cardiology

2008-2013 Nikolaos Papageorgiou, PhD, MD, University College London & Barts Heart Centre, St Bartholomew's Hospital, London, United Kingdom  
Mentor - Published over 70 manuscripts, including Circulation, JACC; Young Investigator Award from European Society of Cardiology

2008 - 2010 Alexandros Briasoulis, MD, PhD, Cardiologist, University of Chicago Medical Center, Department of Medicine, Chicago, USA,  
Mentor - Published over 60 manuscripts; Investigator Award from European Society of Cardiology and Hellenic Society of Cardiology

2010-2014 Marina Zaromitidou, PhD, MD, research fellow Brigham and Women's Hospital, Harvard Medical School  
Mentor - Published over 20 manuscripts; Investigator Award from Hellenic Society of Cardiology

2010-2013 Konstantinos Zisimos, PhD, MD, research fellow and cardiologist at University of Athens Medical School, 1st Dpt of Cardiology  
Mentor - Published over 10 manuscripts, Investigator Award from Hellenic Society of Cardiology

## Dissertation Advisory Committees

2008- 2012	Zisimos K. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2008- 2012	Oikonomou E. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2008- 2012	Masoura K. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2008- 2012	Papageorgiou N. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2008- 2012	Laukas D. MD, PhD, Department of Biological Chemistry, University of Athens Medical School.
2008- 2012	Moutafi A. MD, PhD, Biomedical Research Foundation of the Academy of Athens
2009-2013	Vogiatzi G. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2013	Kioufis S. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2013	Briasoulis A. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2013	Toli E. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2013	Giolis A. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2013	Plastiras A. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2009-2014	Korompelis P. MD, PhD, Department of Biological Chemistry, University of Athens Medical School.
2009-2014	Zaromitidou M. MD, PhD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2010- present	Ververeli H. MD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School
2010- present	Maniatis K. MD, 1 <sup>ST</sup> Department of Cardiology, University of Athens Medical School

- 2010- present Georgiou G. MD, 1<sup>ST</sup> Surgical Department, University of Athens Medical School.
- 2010- present Verveniotis A. MD, 1<sup>ST</sup> Department of Cardiology, University al School
- 2011- present Gouliopoulos N. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2011-present Dimitropoulos S. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2011-present Kollia C. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2011-present Michalea S. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2011-present Athanasiou D. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2012-present Konsola T. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2012-present Paraskevopoulos T. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2012-present Mazaris S. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2012-present Tsalamandris S. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2012-present Tourikis P. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2013-present Tsouroulas S. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2013-present Zakynthinos G. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School
- 2013-present Mourouzis K. MD, 1<sup>ST</sup> Department of Cardiology, University of Athens Medical School

**Invited Presentations and Courses (2011-present)**

- 2011 Omega-3 Fatty Acids and vascular function in smokers, American College of Cardiology Scientific Sessions, New Orleans, 2012

- 2011 Living longer, living better; which are the secrets? The Ikaria study. European Society of Cardiology Scientific Sessions
- 2012 Effects of CD31 expression on circulating CD40 T cells in patients with unstable angina. American College of Cardiology Scientific Sessions
- 2012 Short-term treatment with omega-3 fatty acids prevents the smoking-induced impairment of vascular elastic properties in young individuals. World Congress of Cardiology
- 2012 Long term coffee consumption is associated with improved endothelial function in elderly individuals: Ikaria study, American College of Cardiology Scientific Sessions
- 2012 Renin-angiotensin aldosterone system gene polymorphisms and their association with vascular impairment in patients with essential hypertension. European Society of Cardiology Scientific Sessions
- 2012 Biomarkers in Heart failure, Hellenic Society of Cardiology, Thessaloniki, Greece
- 2012 The role of antioxidants in atherosclerosis, AICT International Congress, Athens, Greece
- 2013 Novel Biomarkers in Diagnosis of Heart failure, University of Athens Medical School, Athens, Greece
- 2013 The impact of physical activity on total antioxidant capacity and endothelial function: IKARIA study. American College of Cardiology Scientific Sessions
- 2013 Flavonoid administration improves arterial wall properties in healthy smokers. American College of Cardiology Scientific Sessions
- 2013 The impact of CYP2C19 genotype on endothelial function, arterial stiffness and cardiovascular events in patients with coronary artery disease receiving clopidogrel. American College of Cardiology Scientific Sessions
- 2013 Evidence that the increased levels of circulating CD4+CD31- T cells and CD4+CD28null T cells impaired endothelial function in patients with unstable angina. European Society of Cardiology Scientific Sessions
- 2013 Omega-3 Fatty Acids and Coronary Artery Disease, Cardio-Athena International Congress, Athens, Greece
- 2013 Coffee and Longevity, Ikaria International Congress, Ikaria, Greece
- 2013 Coffee and Vascular Function, International Congress of Diet, Athens, Greece
- 2013 Novel biomarkers of renal function in heart failure, Heart Failure Workshop, Hellenic Society of Cardiology, Athens, Greece

- 2014 The role of vascular function in patients with diabetic retinopathy. European Society of Cardiology Scientific Scientific Sessions
- 2014 C34T P2Y12 ADP receptor polymorphism and smoking status: effects on cardiovascular outcome in patients with coronary artery disease receiving clopidogrel. European Society of Cardiology Scientific Scientific Sessions
- 2014 Endothelial dysfunction and arterial stiffness are associated with visual impairment in diabetic patients, European Society of Cardiology Scientific Scientific Sessions
- 2014 Endothelial Function and Platelet Reactivity in Patients after Percutaneous Coronary Intervention: Clopidogrel vs. Prasugrel. World Congress of Cardiology
- 2014 Correlation of corevalve implantation depth with the observed post implantation aortic regurgitation and its impact on necessity for additional intraprocedural techniques. European Society of Cardiology Scientific Scientific Sessions
- 2014 Antiplatelet treatment in STEMI/NSTEMI, Platelets International Congress, Thessaloniki, Greece
- 2014 MicroRNAs: Novel Biomarkers in Cardiovascular Disease, Cardio-Athena International Congress, Athens, Greece
- 2014 Novel biomarkers in heart failure therapy, Heart Failure Workshop, Hellenic Society of Cardiology, Athens, Greece
- 2015 Novel biomarkers in Cardiovascular Diseases, University of Athens, Athens, Greece
- 2015 Antioxidants and Cardiovascular Disease, International Congress, Nafplio, Greece
- 2015 The Impact of Different Types of Aerobic Exercise on Endothelial Function and Arterial Stiffness. American College of Cardiology Scientific Sessions 2015, San Diego CA
- 2015 The impact of different types of exercise on endothelial function and arterial stiffness. European Society of Cardiology Scientific Scientific Sessions, London, UK
- 2015 Genotyping, platelet reactivity and cardiovascular prognosis in patients after percutaneous coronary intervention receiving dual antiplatelet therapy. European Society of Cardiology Scientific Scientific Sessions, London, UK
- 2016 Biomarkers or Imaging in HF? Cardio-Athena International Congress, Athens, Greece
- 2016 The role of Endothelium in Heart Failure. European Congress of Heart Failure, European Society of Cardiology, Florence, Italy.
- 2016 Imaging in coronary atherosclerosis. 1<sup>st</sup> Cardiovascular Imaging Congress, Imperial College-London and Hellenic Society of Cardiology, Athens, Greece

- 2016 TAVI case report. 5<sup>th</sup> Congress of Transcatheter Therapeutics in Cardiac Valves, Athens, Greece
- 2016 Clopidogrel, prasugrel, ticagrelor and platelet inhibition in patients after percutaneous coronary intervention: effects on endothelial function. European Society of Cardiology Scientific Scientific Sessions, Rome, IT
- 2016 Endothelial function and healthy living. University of Athens Medical School. Samos, Greece
- 2016 Antiplatelet treatment in structural cardiac diseases. Institute For The Study And Education On Thrombosis And Antithrombotic Therapy. Platelets International Congress, Athens, Greece

**Current Licensure and Certification**

2003 Medical Licence, Prefecture of Athens, Greece

2009 Cardiology Intensive Care Unit certification

2014 Cardiology certification

**Educational Material for Patients and the Lay Community**

1. Member of translation team of “Healthy heart, Preventing Coronary Heart Disease, Harvard Medical School”, Broken Hill Publishers, Greek, 2004
2. Statins and heart - Latest views on the effects of statins on cardiovascular diseases. BIO HEALTH, 2006
3. Editing Greek version of “Harvard Health Matters – Cardiology, Harvard Medical School”, Broken Hill Publishers, Greek, 2006-7
4. Member of translation team of “Arterial hypertension and therapeutic approaches, Harvard Medical School”, Broken Hill Publishers, Greek, 2007
5. Member of translation team of “Learn about angina and myocardial infarction - Chris Davidson”, Broken Hill Publishers, Greek, 2008

6. Editing Greek version of “Harvard Health Matters – Internal Medicine, Harvard Medical School”, Broken Hill Publishers, Greek, 2008
7. Member of translation team of “Learn about arterial hypertension - D. G. Beevers”, Broken Hill Publishers, Greek, 2008

**Peer reviewed publications in print (indexed in PubMed)**

**Total: 164**

**Original research articles: 74**

**Review articles / Editorials / Letters to the Editor: 67 / 16 / 7**

**Total Impact Factor: 740**

**Average Impact Factor: ~ 4.58**

**Total citations (scopus/google scholar): 2007 / 3139**

**h index (scopus/google scholar): 27 / 33**

**1<sup>st</sup> author or equally contributed: 56**

**2<sup>nd</sup> author: 7**

**Last author: 1**



***List of Peer reviewed publications (indexed in PubMed)***

1. Vlachopoulos C, Kosmopoulou F, Alexopoulos N, Ioakeimidis N, **Siasos G**, Stefanadis C. Acute mental stress has a prolonged unfavorable effect on arterial stiffness and wave reflections. ***Psychosom Med.*** 2006 Mar-Apr;68(2):231-7. PubMed PMID: 16554388.
2. Tousoulis D, Antoniadis C, Charakida M, Toutouzas K, Trikas A, Stefanadi E, **Siasos G**, Latsios G, Stefanadis C. Cold pressor test as a marker for the detection of early stage coronary atherosclerosis. ***Int J Cardiol.*** 2007 Jan 31;115(1):120-2. PubMed PMID: 16787668.
3. Tousoulis D, Antoniadis C, Vasiliadou C, Kourtellaris P, Koniari K, Marinou K, Charakida M, Ntarladimas I, **Siasos G**, Stefanadis C. Effects of atorvastatin and vitamin C on forearm hyperaemic blood flow, asymmetrical dimethylarginine levels and the inflammatory process in patients with type 2 diabetes mellitus. ***Heart.*** 2007 Feb;93(2):244-6. Epub 2006 Aug 16. PubMed PMID: 16914485

4. Antoniadou C, Tousoulis D, Marinou K, Stefanadi E, Ntarladimas I, Latsios G, Konniari K, Papageorgiou N, **Siasos G**, Stefanadis C. Effects of lipid profile on forearm hyperemic response in young subjects. *Hellenic J Cardiol*. 2006 May-Jun;47(3):152-7. PubMed PMID: 16862822.
5. Tousoulis D, Kourtellis P, Antoniadou C, Vasiliadou C, Papageorgiou N, Tentolouris C, **Siasos G**, Stefanadi E, Stefanadis C. Effects of irbesartan and perindopril on forearm reactive hyperemia and inflammatory process, in normotensive patients with coronary artery disease. *Int J Cardiol*. 2008 Feb 20;124(1):127-9. PubMed PMID: 17343934.
6. Antoniadou C, Tousoulis D, Marinou K, Papageorgiou N, Bosinakou E, Tsioufis C, Stefanadi E, Latsios G, Tentolouris C, **Siasos G**, Stefanadis C. Effects of insulin dependence on inflammatory process, thrombotic mechanisms and endothelial function, in patients with type 2 diabetes mellitus and coronary atherosclerosis. *Clin Cardiol*. 2007 Jun;30(6):295-300. PubMed PMID: 17551966.
7. **Siasos G**, Tousoulis D, Vlachopoulos C, Antoniadou C, Stefanadi E, Ioakeimidis N, Andreou I, Zisimos K, Papavassiliou AG, Stefanadis C. Short-term treatment with L-arginine prevents the smoking-induced impairment of endothelial function and vascular elastic properties in young individuals. *Int J Cardiol*. 2008 Jun 6;126(3):394-9. PubMed PMID: 17588688.
8. Nikolopoulou A, Tousoulis D, Antoniadou C, Petroheilou K, Vasiliadou C, Papageorgiou N, Koniari K, Stefanadi E, Latsios G, **Siasos G**, Stefanadis C. Common community infections and the risk for coronary artery disease and acute myocardial infarction: evidence for chronic over-expression of tumor necrosis factor alpha and vascular cells adhesion molecule-1. *Int J Cardiol*. 2008 Nov 12;130(2):246-50. PubMed PMID: 18063147.
9. Tousoulis D, Antoniadou C, Nikolopoulou A, Koniari K, Vasiliadou C, Marinou K, Koumallos N, Papageorgiou N, Stefanadi E, **Siasos G**, Stefanadis C. Interaction between cytokines and sCD40L in patients with stable and unstable coronary syndromes. *Eur J Clin Invest*. 2007 Aug;37(8):623-8. PubMed PMID: 17635572.
10. Charakida M, Tousoulis D, Skoumas I, Pitsavos C, Vasiliadou C, Stefanadi E, Antoniadou C, Latsios G, **Siasos G**, Stefanadis C. Inflammatory and thrombotic processes are associated with vascular dysfunction in children with familial hypercholesterolemia. *Atherosclerosis*. 2009 Jun;204(2):532-7. PubMed PMID: 19004443.
11. Tousoulis D, Antoniadou C, Marinou K, Vasiliadou C, Bouras G, Stefanadi E, Latsios G, **Siasos G**, Toutouzas K, Stefanadis C. Methionine-loading rapidly impairs endothelial function, by mechanisms independent of endothelin-1: evidence for an association of fasting total homocysteine with plasma endothelin-1 levels. *J Am Coll Nutr*. 2008 Jun;27(3):379-86. PubMed PMID: 18838525.
12. Tousoulis D, Zisimos K, Antoniadou C, Stefanadi E, **Siasos G**, Tsioufis C, Papageorgiou N, Vavouranakis E, Vlachopoulos C, Stefanadis C. Oxidative stress and inflammatory process in patients with atrial fibrillation: the role of left atrium distension. *Int J Cardiol*. 2009 Aug 21;136(3):258-62. PubMed PMID: 18657327.
13. Tousoulis D, Drolis A, Antoniadou C, Vasiliadou C, Marinou K, Latsios G, Stefanadi E, Gounari P, **Siasos G**, Papageorgiou N, Trikas A, Stefanadis C. Antidepressive treatment as a modulator of inflammatory process in patients with heart failure: effects on proinflammatory cytokines and acute phase protein levels. *Int J Cardiol*. 2009 May 15;134(2):238-43. PubMed PMID: 18579238.

14. Marinos G, Giannopoulos A, Vlasis K, Michail O, Katsargyris A, **Siasos G**, Elias G, Klonaris C, Griniatsos J, Stefanos P, Vasileiou I. Primary care in the management of common orthopedic problems. *Qual Prim Care*. 2008;16(5):345-9.
15. Vasileiou I, Marinos G, Katsargyris A, Georgiou C, Vlasis K, **Siasos G**, Gialafos E, Klonaris C, Konstantopoulos K, Giannopoulos A. Avian flu: how informed are children in Greece? *South Med J*. 2008 Nov;101(11):1121-5. PubMed PMID: 19088521.
16. Gounari P, Tousoulis D, Antoniadis C, Kampoli AM, Stougiannos P, Papageorgiou N, Roulia G, Stefanadi E, **Siasos G**, Tsioufis C, Stefanadis C. Rosuvastatin but not ezetimibe improves endothelial function in patients with heart failure, by mechanisms independent of lipid lowering. *Int J Cardiol*. 2010 Jun 25;142(1):87-91. PubMed PMID: 19200613.
17. **Siasos G**, Tousoulis D, Vlachopoulos C, Antoniadis C, Stefanadi E, Ioakeimidis N, Zisimos K, Siasou Z, Papavassiliou AG, Stefanadis C. The impact of oral L-arginine supplementation on acute smoking-induced endothelial injury and arterial performance. *Am J Hypertens*. 2009 Jun;22(6):586-92. PubMed PMID: 19300425.
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**Non-peer reviewed scientific or medical publications/materials in print or other media**

○ Editing/translation of Books/Textbooks for the medical or scientific community

1. Member of translation team of university textbook “Cecil Internal Medicine”, Broken Hill Publishers, Greek, 2003
2. Member of translation team of university textbook “Internal Medicine – Netter”, Broken Hill Publishers, Greek, 2006
3. Member of translation team of university textbook “How to write a scientific essay - G.M.Hall”, Broken Hill Publishers, Greek, 2006
4. Member of translation team of university textbook “HURST’S – The Heart”, Broken Hill Publishers, Greek, 2006
5. Member of translation team of university textbook “The cardiological advice in 5’- J.S. Alpert, American Heart Accosiation”, Broken Hill Publishers, Greek, 2007



6. Member of translation team of university textbook “Internal Medicine- Lee Goldman, JC Bennett”, Broken Hill Publishers, Greek, 2008
7. Member of translation team of university textbook “150 problems at ECG - JR Hampton”, Broken Hill Publishers, Greek, 2008
8. Member of translation team of university textbook “Manual of ECG - John R. Hampton”, Broken Hill Publishers, Greek, 2008
9. Editing Greek version of the university textbook “Molecular Cardiology– Joseph Loscalzo”, Broken Hill Publishers, Greek, 2009
10. Editing Greek version of the university textbook “Hurst, The Heart – Valentin Fuster, R. Wayne Alexander, Robert A O’Rourke”, Broken Hill Publishers, Greek, 2009
11. Editing Greek version of the university textbook “Cardiovascular system – Frank H. Netter”, Broken Hill Publishers, Greek, 2010
12. Editing Greek version of the university textbook “Medications in Cardiology – Lionel H Opie, Bernard J Gersh”, Broken Hill Publishers, Greek, 2010
13. Editing Greek version of the university textbook “Preventive Cardiology– Clive Handler, Gerry Coghlan”, Broken Hill Publishers, Greek, 2010
14. Editing Greek version of the university textbook “Heart and Metabolism – William T Cefalu, Christopher P Cannon”, Broken Hill Publishers, Greek, 2010

○ Author in Books/Textbooks for the medical or scientific community

1. Monograph “Biochemical markers of cerebral damage after traumatic brain injury”, Broken Hill Publishers, Greek, 2003
2. Chapter author in book “Cardiopulmonary Resuscitation”, Vita Publications, Athens, 2006
3. Chapter author in book “New topics in vitamin E research”. Nova Science Publishers, New York, 2007.
4. Chapter author in book “Angina Pectoris: Etiology, Pathogenesis and Treatment”, Nova Science Publishers, New York; 2008
5. Chapter author in book “Red Wine and Health”, Nova Science Publishers, New York, 2009
6. Chapter author in book “Glaucoma: Etiology, Pathogenesis and Treatments”, Nova Science Publishers, New York, 2011
7. Chapter author in book “Risk Factors and Vascular Endothelium”, Nova Science Publishers, New York, 2011

8. Chapters author (4 chapters) in book “Biomarkers in Cardiovascular Diseases”, 2014, CRC Press.
9. Chapter author in book “Translational Cardiovascular Medicine: Genetic Susceptibility, Environmental Factors and their Interaction2016”, , Elsevier
10. Chapters’ author (3 chapters) in book “Cardiology”, 2016, Broken Hill Publishers, Greek.
11. Chapter author in book “Coronary Artery Disease”, 2016, Parizianos Publications, Greek

**Abstract Presentations at Professional Meetings of AHA, ACC, ESC, published in major journal supplements (during the last 4 years)**

1. Increased Osteoprotogerin and Osteopontin Serum Levels are Associated with Multivessel Coronary Artery Disease. *Circulation*. 2012;126:A15675, *American Heart Association Scientific Sessions 2012*
2. Effects of CYP2C19 Genotype on Arterial Wall Properties in Patients with Coronary Artery Disease Receiving Clopidogrel. *Circulation*. 2012;126:A15708, *American Heart Association Scientific Sessions, 2012*
3. Essential Hypertension and Altered Prothrombotic Status: The Role of Fibrinogen Genetic Variability. *Circulation*. 2012;126:A15577, *American Heart Association Scientific Sessions, 2012*
4. Systemic sclerosis is associated with impaired endothelial function and increased arterial stiffness. *J. Am. Coll. Cardiol.*, March 27, 2012; 59: E2063 *American College of*

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## **Narrative Report**

I graduated from the University of Athens Medical School in 2003. During my undergraduate medical studies, I received awards for Exemplary Student Achievements (academic years 2000-2001, 2001-2002 and 2002-2003) as well as an award during my final year for the highest academic score in the University of Athens Medical School. In 2007, I received my Ph.D. in Cardiology with Honors and in 2008 my MSc in Cardiology Intensive Care Unit with Honors from the University of Athens Medical School, Hippokration General Hospital. I completed my training (residency) in Cardiology (2013) at 1<sup>st</sup> Department of Cardiology, University of Athens Medical School. I hold the position of an Associate Professor of Molecular Cardiology at University of Athens Medical School, 1<sup>st</sup> Department of Cardiology, Hippokration General Hospital. In addition, I hold the position of Division Chief of the Laboratory of Atherosclerosis at University of Athens Medical School, Hippokration General Hospital.

I have been involved in the field of atherosclerosis for over 12 years, beginning in 2003 when I published my first article in Greek. Since then, I have published more than 140 papers in highly respected

peer review journals, such as the International Journal of Cardiology, the Journal of American College of Cardiology and the Current Medicinal Chemistry, with a total impact factor over 600 and 1900 references (citations) in the literature. In addition, I have published two letters in NEJM and JAMA, authored 15 chapters in international books and edited or translated to Greek over 25 highly respected Cardiology books. I have also received a number of awards both domestic and international (including American College of Cardiology Young Investigator Award).

In University of Athens Medical School, Greece, my research activity (40% of my time) is focusing on biomarkers in cardiovascular disease, vascular function, and genetic polymorphisms with an emphasis on the mechanisms of atherosclerosis progression. I am leading a research team of more than 15 young research fellows and I have further designed multiple research projects that focus on the elucidation of biochemical pathways in cardiovascular diseases. Furthermore, I have directly supervised several trainees in basic science and clinical projects, most of whom have already published a number of publications in high impact journals in the field. I have presented the results of my research activity at several international meetings, with more than 180 abstracts in annual scientific sessions of the American Heart Association, American College of Cardiology and the European Society of Cardiology.

Thirty percent of my time is spent teaching at the University of Athens Medical School, including courses in Biochemistry, Cardiology and Molecular Cardiology as well as postgraduate courses in Cardiopulmonary Resuscitation and Cardiology Intensive Care Unit. Moreover, since 2010, I have organized and I am the Director of “Molecular Cardiology” courses for medical students. It should be noted that during this time, “Molecular Cardiology” has been one of the most popular courses among medical students in the University of Athens Medical School. Moreover, I am teaching Biochemistry with an emphasis in Biochemical Cardiology in 2<sup>nd</sup> year preMD students for more than 6 years and Cardiology in 5<sup>th</sup> year preMD students, residents and fellows.

Thirty percent of my time is also spent in clinical work at the 1<sup>st</sup> Department of Cardiology, Hippokration General Hospital. I have worked in all areas of cardiovascular medicine especially in cardiology intensive care (area of my MSc) and interventional cardiology, with an expertise in cardiac catheterization and coronary stenting. Moreover, during the last five years I have participated in more than 100 transcatheter aortic valve implantations. As regards my administrative activities, I am further serving as a Member of the National Board of University Education (Ministry of Education, Greek Government, since 2009), an elected member of the Administration of the University of Athens Medical School (since 2010) and I am also the Vice President of the “University of Athens Medical School Faculty Club” (since 2011).

Finally, from March 2015 to March 2016, I have held the position of Visiting Scientist in the Department of Medicine, Cardiovascular Division at Brigham and Women's Hospital with a parallel faculty appointment of Visiting Assistant Professor of Medicine at Harvard Medical School, Boston MA. Currently as Research Affiliate at Brigham and Women's Hospital, I am investigating vascular predictors of new coronary events utilizing sophisticated serial intracoronary imaging in humans, with the ultimate goal of identifying in-vivo those specific coronary plaques that will progress and cause a cardiac event. I significantly contributed to a sub analysis of the PROSPECT Study in collaboration with the Division of Cardiology, New York Presbyterian Hospital, Columbia University Medical Center, New York. Moreover, I am the lead investigator in a new project evaluating the impact of endothelial shear stress on coronary endothelial dysfunction in patients with early atherosclerosis (collaboration with Division of Cardiovascular Disease, Mayo Clinic, Rochester, MN). I am also a research affiliate in Harvard - MIT Biomedical Engineering Center Cambridge, MA, investigating gene sequencing of early and late atherosclerotic plaques and determining the role of Endothelial Shear Stress on atherosclerotic process and on adenosine signaling pathways as a potential therapeutic drug target. Finally, I am an active member of the European Society of Cardiology Abstract Review Committee, the American Heart Association Abstract Review Committee and the Postdoc Leadership Council (PLC) at Brigham and Women's Hospital, Boston.