

## Brief Curriculum Vitae of Charalambos Antoniades MD PhD

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**Medical Studies:** Athens Medical School 2000 (honors, top 3%)

**PhD studies:** Athens Medical School 2005, honors

**Current posts:** (1) Consultant Cardiologist at the John Radcliffe Hospital, Senior Clinical Researcher/Group Leader Department of Cardiovascular Medicine, University of Oxford UK

(2) Research associate 1<sup>st</sup> Cardiology Department Athens University Medical School

**Editorial posts:** Associate Editor: *Recent Patents in Cardiovascular Drug Discov* (since 1-1-2010)

Guest Editor: *Antioxidants & Redox Signalling* (2013)

Member in 5 Editorial boards and 52 reviewer panels

**International congresses:** 35 invited lectures including the scientific sessions of the *American Heart Association 2012*, *European society of Cardiology 2012*, *World congress of Cardiology 2012* and others). More than 400 abstracts between years 2000-2012.

### Selected most important committees:

Member of the EU Committee for the Marie Curie CIG grants (2012)

Member of the EU Committee for the Marie Curie IEF/IIF/IOF grants (2012)

Member of the joined committee for the training of Specialist Registrars at the John Radcliffe Hospital in Oxford (As representative of the University of Oxford)

**Young Investigators Awards:** Young Investigators awards by the American College of Cardiology (2004-finalist), European Society of Cardiology (2006-Finalist, 2007-1<sup>st</sup> Prize, 2008-1<sup>st</sup> Prize, 2010-1<sup>st</sup> prize (as supervisor), 2011-Finalist (as supervisor), International Society of Heart Research (2008-3<sup>rd</sup> Prize), Hellenic Society of Cardiology (more than 10 awards), British Atherosclerosis Society (2006-finalist) and others.

**Named awards:** “K Samaras” excellence award, given for my overall contribution in Greek Cardiovascular Science. By the Hellenic Heart Foundation/University of Athens in November 2011

**Funding sources (active):** British Heart Foundation (as PI), EU Marie Curie IEF (as PI), European Heart Failure Association (as PI), BHF-Oxford Centre of Research Excellence (as PI), Hellenic Cardiological Society (as PI), Medical Sciences Division University of Oxford (as PI).

### TABLE OF PUBLISHED PAPERS AND IMPACT FACTORS (ISI 2011)

	1 <sup>st</sup> author	2 <sup>nd</sup> author	3 <sup>rd</sup> author/ Co-author	Senior author	Total
<b>Number of papers</b>	44 (corr. author-PI: 19)	34	87	12	177
<b>Impact factor (ISI 2010)</b>	340.48 (corr. author-PI: 126.8)	184.30	493.87	39.01	1056.66

**Citations (Sept 2012- Scopus):** 2551

**h-index (Sept 2012- Scopus):** 29

### Selected recent publications:

1. Antoniades C, et al. Myocardial Redox State Predicts In-Hospital Clinical Outcome After Cardiac Surgery: Effects of Short-term Preoperative Statin Treatment. **J Am Coll Cardiol** **2012**; 59(1):60-70 IF= 14,292

2. Antonopoulos AS, Margaritis M, Shirodaria C, Antoniades C. Translating the effects of statins: From redox modulation to suppression of vascular wall inflammation. **Thromb Haemost** **2012**;108(5). IF=4.7

3. Margaritis M, Channon KM, Antoniades C. Statins and vein graft failure in coronary bypass surgery. **Curr Opin Pharmacol** **2012** 12(2):172-80. IF=7.4

4. Antoniades C, et al. Induction of Vascular GTP-Cyclohydrolase I and Endogenous Tetrahydrobiopterin Synthesis Protect against Inflammation-Induced Endothelial Dysfunction in Human Atherosclerosis. **Circulation** **2011**; 124(17):1860-70 IF= 14,429

5. Antoniades C, et al. Rapid, Direct Effects of Statin Treatment on Arterial Redox State and Nitric Oxide Bioavailability in Human Atherosclerosis via Tetrahydrobiopterin-Mediated eNOS Coupling **Circulation** **2011**;124(3):335-45 IF= 14,429
6. Antoniades C, et al. ADMA as a link between systemic inflammation and endothelial dysfunction in human atherosclerosis. **Hypertension** **2011** 58(1):93-8 IF=6.908
7. Antoniades C, et al. Preoperative Atorvastatin Treatment in CABG Patients Rapidly Improves Vein Graft Redox State by Inhibition of Rac1 and NADPH Oxidase Activity. **Circulation** **2010**; 122(11 Suppl):S66-73. IF= 14,429
8. Antoniades A, et al. Pre-operative sCD40L Levels Predict Risk Of Atrial Fibrillation After Off-Pump Coronary Artery Bypass Graft Surgery. **Circulation** **2009**; 120: S170–S176. IF: 14,429.
9. Antoniades C, et al. MTHFR 677 C>T Polymorphism Reveals Functional Importance for 5-Methyl-Tetragydrofolate, not Homocysteine, in Regulation of Vascular Redox State and Endothelial Function in Human Atherosclerosis. **Circulation** **2009**;119(18):2507-15. IF= 14,429.
10. Antoniades C, et al. The CD40/CD40 ligand system: linking inflammation with atherothrombosis. **J Am Coll Cardiol** **2009**;54:669–77 (Review article). IF:14,292
11. Antoniades C, et al. Association of plasma asymmetrical dimethylarginine (ADMA) with elevated vascular superoxide production and endothelial nitric oxide synthase uncoupling: implications for endothelial function in human atherosclerosis. **Eur Heart J** **2009**; 30(9):1142-50 IF=10,046.
12. Antoniades C, et al. Homocysteine and coronary atherosclerosis: from folate fortification to the recent clinical trials. **Eur Heart J**. **2009**; 30(1):6-15. IF: 10,046
13. Antoniades C, et al. GCH-1 Haplotype Determines Vascular and Plasma Biopterin Availability in Coronary Artery Disease: Effects on Vascular Superoxide Production and Endothelial Function. **J Am Coll Cardiol** **2008**;52(2):158-65. IF= 14,292.
14. Antoniades C\*, Jacquemin B\* (*Equally contributed authors*), et al.. Common genetic polymorphisms and haplotypes of fibrinogen  $\alpha$ -,  $\beta$  and  $\gamma$  chains affect fibrinogen levels and the response to proinflammatory stimulation, in myocardial infarction survivors: The AIRGENE Study. **J Am Coll Cardiol** **2008**; 52(11):941-52 . IF=14,292.
15. Antoniades C, et al. Altered plasma versus vascular biopterins in human atherosclerosis reveal relationships between endothelial nitric oxide synthase coupling, endothelial function and inflammation. **Circulation** **2007**; 11;116(24):2851-9 . IF= 14.429.
16. Antoniades C\*, Shirodaria C\*, (\*: Authors equally contributed) et al. Mechanisms of Folic Acid-Induced Improvements in Vascular Function and Oxidative Stress: Implications for Folate Therapy in Coronary Artery Disease. **Circulation** **2007**; 115(17):2262-70. IF=14.429.
17. Antoniades C, et al. Effects Of Endothelial Nitric Oxide Synthase Gene Polymorphisms On Oxidative Stress, Inflammatory Status And Coronary Atherosclerosis: An Example Of Transient Phenotype. **J Am Coll Cardiol** **2007**; 49(11):1226. IF=14,292
18. Antoniades C, et al. Genetic Polymorphisms of Platelet Glycoprotein Ia And The Risk For Premature Myocardial Infarction: Effects on The Release of sCD40L During The Acute Phase of Premature Myocardial Infarction. **J Am Coll Cardiol** **2006**; 47:1959–66 IF=14,292.
19. Antoniades C, et al. 5-Methyl-Tetrahydrofolate, Rapidly Improves Endothelial Function and Decreases Superoxide Production in Human Vessels: Effects on Vascular Tetrahydrobiopterin Availability and endothelial nitric oxide synthase coupling. **Circulation** **2006**; 114:1193-1201
20. Antoniades C, et al. Genetic polymorphism on endothelial nitric oxide synthase affects endothelial activation and inflammatory response during the acute phase of myocardial infarction. **J Am Coll Cardiol** **2005** ;46:1101-1109 . IF=14,292.