

CURRICULUM VITAE

Name Adam Taleb

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Athens Medical Center

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Place of Birth Melbourne, Victoria, Australia.

Education

1999-2000 Aristotle University of Thessaloniki, School of Veterinary
Medicine, Greece.

2000-2006 M.D. Aristotle University of Thessaloniki, School of
Medicine, Greece.

Postdoctoral Training

Basic science

2010-2011 Postdoctoral Research Fellow, Division of
Cardiovascular Diseases, Department of Medicine,
University of California San Diego, Mechanisms of
Atherosclerosis (PI: Sotirios Tsimikas MD).

Clinical Science

2006-2007 Greek Army Forces Physician.

2011-2012 Civil service in Grevena General Hospital, working as a
medicine resident in wards, ER and hemodialysis unit.

2012-2013 Intern in Medicine, St Elizabeth's Medical Center,
TUFTS University School of Medicine, Boston, MA.

2013-2015 Junior Assistant Resident, Internal Medicine, St
Elizabeth's Medical Center, TUFTS University School of
Medicine, Boston, MA.

2015-2018 Cardiology fellowship at University of Massachusetts,
Worcester, MA

2018-2020 Interventional Cardiology fellowship at University of
California San Diego, CA

Academic Appointments

2012-2015 Clinical Associate Appointment in Medicine, TUFTS
University School of Medicine, Boston, MA.

2015-2018 Clinical Associate Appointment in Medicine, University of
Massachusetts School of Medicine, Worcester, MA.

2017-2018 Chief Cardiology Fellow, Cardiovascular Department,
University of Massachusetts School of Medicine,
Worcester, MA.

Professional Societies

2006 Member, Thessaloniki Medical Association.
2012 Member, Massachusetts Medical Society.
2012 Member, American College of Physicians.
2015 Member, American College of Cardiology
2015 Member, American Heart Association
2018 Member, Medical Board of California

Editorial Activities

2014- Editorial Board Member, Journal of Geriatric Cardiology
(JGC), Institute of Geriatric Cardiology, PLA General
Hospital, Beijing, China.

Scholarships and Awards

2005 Greek State National Scholarship for Outstanding
Academic Achievement.
2007 Distinguished Service Award, Greek National Defence
Ministry.
2015 Krishnaswamy Ramaswamy House Officer Award for
the best Medicine Resident, voted by peers.

Invited Presentations

2014 Medicine Grand Rounds, St Elizabeth's Medical Center.
"Rising biomarkers in Phospholipid Oxidation".
12/2016 Internal Medicine UMass Conference about initial
assessment of chest pain
10/2017 Medical School Students cardiac physiology teaching
series
12/2017 Internal Medicine UMass Conference. Aortic dissection
05/2018 Internal Medicine UMass Conference. Ventricular
fibrillation cardiac arrest.

Licensure and Certification

2006 Doctorate in Medicine, Aristotle University of
Thessaloniki, Greece
2010 Educational Committee for Foreign Medical Graduates
(ECFMG) Certificate
2010 Postgraduate Training Authorization Letter (PTAL),
Medical Board of California
2013 USMLE Step 3
2015 Board Certified by American Board of Internal Medicine
2017 Massachusetts Full Medical License
2017 California Full Medical License
2018 California Fluoroscopy License

2018	Board Certified by National Board of Echocardiography
2018	Board Certified in Cardiovascular Disease (ABIM)
2020	Board Certified in Interventional Cardiology (ABIM)
2020	Board Certified in Cardiovascular Disease in Greece

Publications

Peer reviewed manuscripts

1. Merki E, Graham M, **Taleb A**, Leibundgut G, Yang X, Miller ER, Fu W, Mullick AE, Lee R, Willeit P, Crooke RM, Witztum JL, Tsimikas S. Antisense Oligonucleotide Lowers Plasma Levels of Apolipoprotein (a) and Lipoprotein (a) in Transgenic Mice. *J Am Coll Cardiol.* 2011;57:1611-21.
2. **Taleb A**, Witztum JL, Tsimikas S. Oxidized phospholipids on apoB-100-containing lipoproteins: a biomarker predicting cardiovascular disease and cardiovascular events. *Biomark Med.* 2011;5:673-94.
3. **Taleb A**, Tsimikas S. Lipoprotein oxidation biomarkers for cardiovascular risk: what does the future hold? *Expert Rev Cardiovasc Ther.* 2012;10:399-402.
4. Bertoia ML, Pai JK, Lee J-H, **Taleb A**, Joosten MM, Mittleman MA, Yang X, Witztum JL, Rimm EB, Tsimikas S, Mukamal KJ. Oxidation-specific biomarkers and risk of peripheral artery disease. *J Am Coll Cardiol.* 2013;61:2169-79.
5. Fang L, Choi SH, Baek JS, Liu C, Almazan F, Ulrich F, Wiesner P, **Taleb A**, Deer E, Pattison J, Torres-Vázquez J, Li AC, Miller YI. Control of angiogenesis by AIBP-mediated cholesterol efflux. *Nature.* 2013;498:118-22.
6. Saleheen D, Haycock PC, Zhao W, Rasheed A, **Taleb A**, Imran A, Abbas S, Majeed F, Akhtar S, Qamar N, Zaman KS, Yaqoob Z, Saghir T, Rizvi SNH, Memon A, Mallick NH, Ishaq M, Rasheed SZ, Memon FU, Mahmood K, Ahmed N, Frossard P, Tsimikas S, Witztum JL, Marcovina S, Sandhu M, Rader DJ, Danesh J. Apolipoprotein(a) isoform size, lipoprotein(a) concentration, and coronary artery disease: a mendelian randomisation analysis. *Lancet Diabetes Endocrinol.* 2017 Jul;5(7):524-533.
7. **Taleb A**, Parikh G, Kakouros N. Longitudinal Deformation of Distal Edge in a New-Generation Stent Caused by Guidewire Entrapment. *Tex Heart Inst J.* 2018 Feb 1;45(1):45-47.

8. Dickson SD, **Taleb A**, Wiernek S, Govea A, Penny W. Diffuse saphenous vein graft thrombosis: resolution after one month of apixaban and dual antiplatelet therapy. *Coron Artery Dis* 2020 Mar 12. PMID 32168050
9. Shah S, Castro-Dominguez Y, Gupta T, Attaran R, Byrum K, **Taleb A**, Pettyjohn A, Bartel RC, Szerlip M, Henry TD, Mahmud E, Applegate RJ. Impact of the COVID-19 Pandemic on Interventional Cardiology Training in the United States. *Catheter Cardiovasc Interv*. 2020 Aug 7. doi: 10.1002/ccd.29198.

Book chapters

1. **Taleb A**, Witztum JL, Tsimikas S. OxPL/apoB Containing Lipoproteins: A Biomarker Predicting Cardiovascular Disease and Events. Book Title: 'Cardiac Biomarkers: Expert Advice for Clinicians', Maisel A, Ed. Jaypee Brothers Medical Publishers Private Limited, New Delhi India. 2011
2. Leibundgut G, **Taleb A**, Tsimikas S. The Role of Oxidized Phospholipids in Cardiovascular Disease. Book Title: 'Lipid Oxidation Products in Health and Disease', Editors: Corinne Spickett, Henry Jay Forman. Publisher: CRC Press. 2015. ISBN 978-1-4822-0285-4

Abstracts-Oral presentations/Posters

1. **Taleb A**, Zhao W, Shahzada A, Rasheed A, Binder CJ, Witztum JL, Danesh J, Rader DJ, Tsimikas S, Saleheen D. Increased Levels of IgM Autoantibodies to Oxidation-Specific Epitopes are Inversely Associated With Coronary Heart Disease: Analyses of Data From 204,257 Participants. *Circulation*. 2015; 132: A14351 (AHA 2015, oral)
2. Sardana M, **Taleb A**. ECG was normal. (ACC 2016, poster)
3. Saleheen D, Haycock P, Zhao W, Rasheed A, **Taleb A**, Frossard P, Tsimikas S, Witzum JL, Marcovina S, Rader DJ, Danesh J. Understanding the Causal Relevance of Apo(a) Isoform Size,

Lipoprotein (a) and Oxidized Phospholipids in Coronary Heart Disease. (AHA 2016, poster)

4. **Taleb A**, Sardana M, Temtanakitpaisan Y, Akhter M. Coronary Cameral Fistulas and Coronary Artery Aneurysms in a Patient with Acute Heart Failure: A Hybrid Case (ACC 2017, poster)
5. **Taleb A**, Parikh G, Kakouros N. Distal Stent Edge Longitudinal Deformation and Reformation (TCT 2017, poster)
6. **Taleb A**, Sanghai S, Tighe D, Alonso A. Acute Injury Pattern on Electrocardiogram following Interruption of Epoprostenol Infusion. (ACC 2018, poster)
7. **Taleb A**, Alshawabkeh L, Patel M. Navigating the Labyrinth: STEMI in a Patient with Complex Congenital Heart Disease (TCT 2019, poster)
8. **Taleb A**, West B, Kraushaar M, Alshawabkeh L, Reeves R. Use of Mitraclip for Tricuspid regurgitation in a patient with L-loop transposition of the great arteries. (ACC 2020, poster)

Narrative report

I am affiliated with Dr Tsimikas's lab at UCSD, which measures biomarkers associated with coronary artery disease and atherosclerosis, such as Lipoprotein (a) and oxidized phospholipids, as well as antibodies against different forms of oxidized-LDL (OxLDL). I have performed over 17,000 measurements of biomarkers in various studies like the CACTI study (Coronary Artery Calcification in Type-1 Diabetes) and the AMD study (Age-dependent Macular Degeneration). I also worked on the Pakistan Risk of Myocardial Infarction Study (PROMIS), which is coordinated by the University of Cambridge, with the ultimate goal being to define biomarker levels in the South-East Asian population. In addition to the above, I worked with a colleague to develop antibodies against OxLDL for use in immunostaining of atherosclerotic plaques in mice and eventually, if successful, to be used in clinical practice.

Technical skills:

- Performing ELISA, validating assays and trouble shooting
- Antibody generation and purification
- IACUC certified in California (USCD)/Massachusetts (TUFTS) to handle animal and perform procedures, like anesthetising, cardiocentesis, harvesting aorta (mainly in guinea pigs and mice).

Languages

Greek	(Mother Language)
English	Written and spoken
French	Written and spoken
Arabic	Basic knowledge