

PROFESSOR ANDRIANA MARGARITI

BSc | MSc | PhD | AFHEA

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EDUCATION & PROFESSIONAL RECOGNITION

2000–2003 BSc, Biochemistry — **University of East London, UK**
2003–2004 MSc, Biomedical Sciences (Haematology) — **Kingston University, UK**
2004–2008 PhD, Cardiovascular Medicine and Stem Cells — **King's College London, UK**
2013 Associate Fellow of the Higher Education Academy (**AFHEA**)

EMPLOYMENT HISTORY

2026–present Professor — **University of Nicosia Medical School (UNIC Athens), Athens, Greece**
2020–present Professor in Vascular and Regenerative Medicine — **Wellcome-Wolfson Institute for Experimental Medicine, School of Medicine, Dentistry & Biomedical Sciences, Queen's University Belfast, UK**
2020–present Founder — **ReproGO Limited, UK**
2017–2020 Senior Lecturer — **Centre for Experimental Medicine, School of Medicine, Dentistry & Biomedical Sciences, Queen's University Belfast, UK**
2016 Academic Member and Head, Medicine Research Unit — **Athens Institute for Education and Research, Athens, Greece**
2013–2016 Lecturer — **Centre for Experimental Medicine, School of Medicine, Dentistry & Biomedical Sciences, Queen's University Belfast, UK**
2013–2014 Honorary Lecturer — **Cardiovascular Division, King's College London, UK** (collaboration with Prof Qingbo Xu)
2013 Honorary Faculty Fellow — **Boston Children's Hospital, Harvard Medical School, USA** (collaboration with Prof George Daley)
2013 Visiting Faculty Fellow — **Gladstone Institute of Cardiovascular Disease, University of California San Francisco, USA** (collaboration with Prof Deepak Srivastava)
2008–2012 Research Fellow — **Cardiovascular Division, BHF Centre, King's College London, UK**

MEASURES OF ESTEEM

- First living ‘Innovator in Focus’ at the **Ulster Transport Museum**.
- Grant proposal panel member: **UKRI BBSRC**.
- Grant proposal reviewer: British Heart Foundation (BHF), Medical Research Council (MRC), Biotechnology and Biological Sciences Research Council (BBSRC), Swiss National Science Foundation, and Veni Grant.
- Editorial Board Member: Insights in Stem Cells; International Journal of Biochemistry and Molecular Biology.
- Reviewer for journals including Circulation Research, Arteriosclerosis, Thrombosis, and Vascular Biology (ATVB), Heart, PLOS ONE, Open Cardiovascular Medicine Journal, Mediators of Inflammation, BBA - Gene Regulatory Mechanisms, Cytotherapy, and Developmental Biology.

INVITED & KEYNOTE LECTURES

2026	Invited Speaker — Lancaster University, UK
2026	Keynote Speaker — Irish Society for Gene & Cell Therapy (ISGCT), Galway, Ireland
2025	Invited Speaker — King’s College London, UK
2024	Invited Speaker — University of Galway, Galway, Ireland
2022	Invited Speaker — Eurobiotech Conference, Kraków, Poland
2020	Keynote Speaker — 4th World Congress and Expo on Cell and Stem Cell Research, Paris, France
2018	Invited Speaker — 2nd International Conference in Splicing, Caparica, Portugal
2018	Invited Speaker — Imperial College London, UK
2018	Invited Speaker — Yachay Tech, Ecuador
2017	Invited Speaker — King’s College London, UK
2017	9th Annual Conference on Stem Cell and Regenerative Medicine, Berlin, Germany
2017	Invited Speaker — National University of Ireland, Galway
2016	Small Artery Network (SmArt): Vascular Progenitors in Biology and Medicine Conference, University of Fribourg, Switzerland
2016	Invited Speaker — 2nd Annual International Symposium of Diabetes, ATINER, Athens, Greece
2015	Invited Speaker — BHF Panel, King’s College London, UK
2014	Invited Lecture — Stem Cells, Cardiovascular Disease and Regenerative Medicine, St George’s, University of London, UK
2013	Invited Talk — Cell Reprogramming and Regenerative Medicine, Gladstone Institute of Cardiovascular Research, UCSF, USA
2013	Atherosclerosis Gordon Research Conference, Stowe, Vermont, USA — “Epigenetic therapies in cardiovascular disease”

RECENT SELECTED PUBLICATIONS

1. Victoria A. Cornelius et al.; **Andriana Margariti**. Patient-Specific iPSC-Derived ECs Identify QKI-7 as a Key Regulator of Endothelial Dysfunction and Potential Therapeutic Target in Diabetes. **Stem Cells Translational Medicine**. 2026;15(8):szag057. doi:10.1093/stcltm/szag057.
2. Setyaningsih, W.A.W. et al.; **Andriana Margariti**. Epigenetic regulation by HDAC11-driven STAT3 activation promotes pro-inflammatory cytokine production and endothelial dysfunction upon bacterial infection in diabetes. **Cellular Communication and Signaling**. 2026;24(1):173. PMID: 41668160.
3. Hojjat Naderi-Meshkin et al.; **Andriana Margariti**. Unveiling impaired vascular function and cellular heterogeneity in diabetic donor-derived vascular organoids. **Stem Cells**. 2024:sxae043. PMID: 39049437.
4. Cornelius, V.A. et al.; **Margariti, A.** RNA-Binding Proteins: Emerging Therapeutics for Vascular Dysfunction. **Cells**. 2022;11(16):2494.
5. Vila-Gonzalez, M. et al.; **Margariti, A.** Endothelial cells derived from patients with diabetic macular edema recapitulate clinical evaluations of anti-VEGF responsiveness through the Neuronal Pentraxin 2 pathway. **Diabetes**. 2020;69(10):2170–2185.
6. Yang, C. et al.; **Margariti, A.** Targeting QKI-7 in vivo restores endothelial cell function in diabetes. **Nature Communications**. 2020;11:3812.
7. Vilà-González, M., Kelaini, S., Magee, C. et al. **Margariti A.** Enhanced Function of Induced Pluripotent Stem Cell-Derived Endothelial Cells Through ESM1 Signalling. **Stem Cells**. 2019;37:226–239.

Full publication list: PubMed search “Margariti A”.

<https://pubmed.ncbi.nlm.nih.gov/?term=margariti+a>

SELECTED GRANT SUPPORT

2024–2027	Vascular Clock Disruption in Diabetes — MRC £909,814
2025–2027	Targeting QKI-7 to Restore Vasculopathy in Diabetes — BHF £264,240
2024–2026	Human Epididymis Protein 4 in Pulmonary Fibrosis — NICHs £89,755
2024–2027	Achromobacter Species & Human Macrophages — BBSRC £538,296
2023–2025	Drug Repurposing for Diabetic Vascular Complications — MRC £74,963
2020–2022	iPSC-Derived Sensory Neurons in Chronic Cough — MSD £256,809
2019–2023	Stem Cell Biology for Liver Fluke Control — BBSRC £458,524
2021–2024	High-Resolution Preclinical Ultrasound System — BHF £175,000
2020–2023	Developing Next-Generation Cardiac Organoid Systems — NI Department for Economy £300,000