

Professor Manuel Mayr, MD, PhD
BHF Professor of Cardiovascular Proteomics
Imperial BHF Centre of Research Excellence
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To the
Dr. Sean Davidson
ISHR-ES Secretary

20/12/2024

Dear Sean,

I am writing to formally apply for one of the two open Council positions for senior investigators within the ISHR-European Section. With a longstanding commitment to advancing cardiovascular science, I am eager to contribute my expertise and leadership to support the Society's mission.

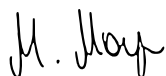
As a [British Heart Foundation Professor](#) and Co-Director of Imperial's [British Heart Foundation Centre of Research Excellence](#), I have actively contributed to the field of cardiovascular research through:

- **Leadership in Cardiovascular Science:** I had the honour of delivering the President's Lecture at the ISHR World Congress in Berlin, reflecting my contributions to the field.
- **Advancing -Omics Technologies:** My research focuses on utilising -omics technologies, such as [proteomics](#), to better understand cardiovascular diseases, offering novel insights and translational applications.
- **Service in European Scientific Leadership:** I have fostered collaboration and innovation through my involvement with the ESC, including serving on the Congress Programme Committee and the Working Group of Myocardial Function of the European Society of Cardiology (ESC).
- **Editorial Contributions to JMCC:** I have served as an Associate Editor and Consulting Editor for the Journal of Molecular & Cellular Cardiology (JMCC), reflecting my commitment to advancing cardiovascular science through impactful publications and promoting the journal supporting ISHR.
- **Presidency of the British Atherosclerosis Society:** As a former President, I led initiatives to promote atherosclerosis research and led the successful bid to host the [EAS2025 conference](#) in Glasgow.

As a Council member, I aim to promote both cardiac and vascular research, which I firmly believe are integral to the future of cardiovascular science. I am particularly passionate about integrating cutting-edge -omics technologies into cardiovascular research to shape the next generation of discoveries.

I would be honoured to serve in this capacity, contribute to the Society's continued success, advocate for cardiovascular research, and help strengthen the Society's visibility across Europe.

Thank you for considering my application. I look forward to the opportunity to discuss further how I can contribute to the ISHR-European Section as a Council member.



Manuel Mayr, MD, PhD

BHF Professor of Cardiovascular Proteomics

Co-Director Imperial BHF Centre of Research Excellence

IMPERIAL

CV

Family name, first name: **MAYR, Manuel**
Nationality: Austrian
URL for web site: <http://www.cardiovascularproteomics.eu>

EDUCATION

2005 PhD degree, St George's Medical School, University of London, United Kingdom (UK)
1999 Degree in Medicine (with distinction), Medical University of Innsbruck, Austria
1998 MD thesis, Institute of Pathophysiology, Innsbruck, Austria

CURRENT POSITIONS

2023 - present *British Heart Foundation (BHF) Chair in Cardiovascular Proteomics*,
Imperial College London, UK
2024 - present Co-director of Imperial's BHF Centre of Research Excellence

PREVIOUS POSITIONS

2017 – 2023 BHF Chair in Cardiovascular Proteomics, King's College London, UK
2012 - 2016 Professor in Cardiovascular Proteomics, King's College London, UK
2006 - 2011 Progression from Lecturer, Senior Lecturer to Reader, King's College London, UK
2020 - 2021 Visiting Professor, Technical University of Dresden, Germany

FELLOWSHIPS, AWARDS & HONOURS

2022 *International Society of Heart Research (ISHR)* President's Distinguished Lecture, Berlin, DE
2019 Top Reviewer Award Arteriosclerosis, Thrombosis, and Vascular Biology (ATVB)
2018 Top Reviewer Award Arteriosclerosis, Thrombosis, and Vascular Biology (ATVB)
2017 Top Reviewer Award "Platinum Club" Circulation Research
2017 *BHF* Personal Chair, for individuals with outstanding cardiovascular research achievements and leadership qualities, *Funding*: 2M£ for 5-year programme, incl. personal salary
2016 Fellow of the *International Society of Heart Research (ISHR)*
2013 Outstanding Achievement Award, Council on Basic Cardiovascular Science, *European Society of Cardiology (ESC)*
2013 Renewal of Senior Research Fellowship, *BHF*, *Funding*: 1 M£ for 5-year programme
2012 Spotlight Feature in *Circulation*: European Perspectives in Cardiology
<https://www.ahajournals.org/doi/pdf/10.1161/cir.0b013e31825c0905>
2011 *Circulation Research* Best Manuscript Award
2010 Inaugural Bernard and Joan Marshall Research Excellence Prize
2010 John French Lecturer, Joint *BAS/BSCR* meeting within *British Cardiovascular Society (BCS)*
2010 Irvine Page Award Finalist, *American Heart Association (AHA)*, *ATVB* Council
2009 Young Investigator Finalist, *AHA*, *FGTB* Council
2008 Senior Research Fellowship, *BHF*, *Funding*: 660k£ for 5-year programme
2007 Inaugural Michael Davies Early Career Award, *BCS*
2005 Intermediate Fellowship, *BHF*, *Funding*: 150k£ for 3-year programme
2002 Michael Davies Young Investigator Award, *British Atherosclerosis Society (BAS)*

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

I was heading the 4-year MRes/PhD Programme at King's College London with its flagship BHF profile.

2006 - present 20 PhD Students & 24 Postdoctoral Fellows:
<http://www.vascular-proteomics.com/about-us/previous-members/>

ORGANISATION OF SCIENTIFIC MEETINGS

2020 *ESC* Heart Failure Association Winter Meeting: "Omics bootcamp" in Les Diablerets (CH)
2019 Co-organisation of the *British Atherosclerosis Society (BAS)* Annual Meeting, Oxford (UK)
2017 *ESC* Heart Failure Association Winter Meeting: "Omics bootcamp" in Les Diablerets (CH)

- 2016 Organisation of a 3-day Spring School for the members of our *Fondation Leducq* consortium: “MiRVAD – MicroRNAs in vascular disease” at Cumberland Lodge, London (UK)
- 2011 Co-organisation of the *BAS* autumn meeting on microRNAs, Cambridge (UK)
- 2010 Co-organisation of the first joint conference of the *BAS/BSCR* within *BCS*, Manchester (UK)

INSTITUTIONAL RESPONSIBILITIES AND SCIENTIFIC LEADERSHIP ACTIVITIES

- 2018 - 2020 President of the *British Atherosclerosis Society (BAS)* (<https://www.britathsoc.org>)
- 2018 - 2020 Congress Programme Committee of the *European Society of Cardiology (ESC)*
- 2018 - 2020 Research Grants Committee of the *ESC*
- 2018 - present Core Member of the *Fondation Leducq Transatlantic Network Program Grant* “*PlaqOmics – Defining the roles of smooth muscle cells and other extracellular matrix producing cells in late-stage atherosclerotic plaque pathogenesis*”
- 2017 - 2023 Programme Director of the 4-year *BHF MRes/PhD* course, King’s College London:
- 2017 - 2023 Academic lead for Proteomics, King’s College London
- 2014 - 2023 Member of the Steering Group, King’s BHF Centre for Research Excellence
- 2014 - 2019 Core Member of the *Fondation Leducq Transatlantic Network Program Grant* “*MiRVAD – MicroRNAs in vascular disease*”
- 2011 - 2018 Leadership Committee Member, *American Heart Association (AHA)* Functional Genomics and Translational Biology Council
- 2010 - 2020 *ESC Working Group Member on Myocardial Function*
- 2007 - 2013 Committee member of the *British Society for Proteome Research*

REVIEWING ACTIVITIES

- 2022 - present Consulting Editor for *Circulation*
- 2022 - present Associate Editor for *Atherosclerosis*
- 2015 - present Associate Editor for *Cardiovascular Research*
- 2013 - present Consulting Editor for the *Journal of Molecular Cellular Cardiology*
- 2011 - 2014 Senior Editor for *Proteomics*
- 2007 - 2013 Associate Editor for the *Journal of Molecular Cellular Cardiology*
- 2016 - present Editorial board member *Circulation*
- 2014 - present Editorial board member *Circulation Research & ATVB*
- 2013 - present Editorial board member *Molecular Cellular Proteomics & Cardiovascular Research*
- 2006 - present Editorial board member *Proteomics – Clinical Applications*

ACTIVE RESEARCH FUNDING:

BHF Chair, BHF Programme, *Fondation Leducq*, FFG – Comet centre: <https://www.vascage.at/about-us/>

LICENSED PATENTS

I patented several inventions, three of which are licensed to biotech companies:

Inventors	Patent	Title
Mayr, Jaquet, Gautel, Marber *Licensed to Kurma Diagnostics	EP 2430453 B1 US 8546089	CMYBP-C and MLC2 as diagnostic markers of cardiac injury
Mayr *Licensed to TamiRNA	EP 2776580 B1 DE 112013006129 T5	MicroRNAs as markers for platelet activity (part I) MicroRNAs as markers for platelet activity (part II)
Mayr	EP 3004889 A1	Lipidomic profiles for cardiovascular risk
Cuello, Shankar-Hari, Mayr *Licensed to Microsens	EP 3004885 A1 US 20160123994	Aiding assessment of prognosis in inflammatory disease

PUBLICATIONS:

H-INDEX | 102

PUBLICATIONS | 275 + 5 BOOK CHAPTERS

CITATIONS | >34,000

<https://scholar.google.com/citations?hl=en&user=aGSE9vsAAAAJ>

Researcher unique identifier: <http://orcid.org/0000-0002-0597-829X>