Dr. Magdalena L. Bochenek

Scientific quality assurance & editing for life-science publications

m.l.bochenek@googlemail.com · +49 177 77 88 526 · Mainz, Deutschland

Biomedical scientist with more than 15 years of research experience in endothelial cell biology, thrombosis and hemostasis. 36 peer-reviewed publications, 10 of them as first author, two with my own confocal image on the journal cover. Peer reviewer for international journals since 2018. As a freelancer I help researchers and teams get their work ready for publication.

Professional experience

since 11/2013 — **Senior Scientist (Postdoctoral Researcher)**
Center for Thrombosis and Hemostasis (CTH) and Department of Cardiology, University Medical Center Mainz — group of Prof. Katrin Schäfer

- Established and maintained the CTH endothelial platform, including mouse models of venous thrombosis and hindlimb ischemia
- Trained researchers, senior and junior staff and students in qPCR, cell culture, staining and imaging, FACS and lentiviral transduction
- Managed parallel internal (CTH, UM Mainz) and external (SFB, DZHK) collaborations across obesity, metabolism, inflammation and cardiovascular disease
- Coordination and decision-making in research consortia, animal protocol proposals, grant applications

01–09/2013 — **Postdoctoral Researcher**
Institute of Microanatomy and Neurobiology, University Medical Center Mainz — group of Prof. Mirko H. H. Schmidt

11/2008 – 11/2012 — **Postdoctoral Researcher**
Department of Tissue Morphogenesis, Max Planck Institute for Molecular Biomedicine, Münster — group of Prof. Ralf H. Adams

Education

2005 – 2009 — **PhD**
University of Bristol, Department of Physiology and Pharmacology, UK. Thesis: regulation of cell motility by ephrin-B2 signaling (supervisor: Prof. Catherine Nobes). Awarded 22 January 2009.

2003 – 2005 — **Master of Biotechnology**
University of Wrocław, Poland. Master thesis at the Laboratory of Medical Biochemistry, University of Reims, France.

Awards & research funding

2026 — Co-applicant, Collaborative Research Centre 1784 “The Interplay of Thrombosis and Inflammation — Translating Molecular Mechanisms into Clinical Application” (InTraC), project B04

2024 — Applicant for cooperation with Shared Expertise SE-216 (Metabolomics and Proteomics Platform), German Centre for Cardiovascular Research — €30,000

2022 — Confocal image selected for the cover of *JCI Insight*

2019 — Young Investigator Award, 4th International Spring School of Pulmonary Circulation and Right Ventricular Function, Crete

2019 — Confocal image selected for the cover of *Circulation Research*

2018	Translational Research Project “Importance of endothelial protein C receptor expression for new vessel formation in response to ischemia” — €104,650
2018	Applicant for cooperation with Shared Expertise SE-030 (Zebrafish Platform), German Centre for Cardiovascular Research — €27,000
2017	Translational Research Project “Endothelial cells as a modulator of thrombus formation and thrombus non-resolution in Chronic Thromboembolic Pulmonary Hypertension” — €213,000
2017	Intramural Research Funding (level 1) “Role of Thrombomodulin signaling during new vessel formation following ischemia” — €15,000
2014	Virchow Fellowship, funded by the German Federal Ministry of Education and Research
2005 – 2008	PhD scholarship, University of Bristol
2004 – 2005	Socrates/Erasmus scholarship

Peer review

Peer reviewer since 2018 for *Thrombosis Research*, *Thrombosis and Haemostasis*, *Antioxidants & Redox Signaling*, *Oxidative Medicine and Cellular Longevity* and *Atherosclerosis*.

Focus areas & methods

Endothelial cell biology · thrombosis and hemostasis · vascular aging and cardiovascular disease · CTEPH · murine disease models · confocal imaging · single-cell RNA sequencing and analysis · qPCR, cell culture, staining and imaging, FACS, lentiviral transduction · laboratory animal science (FELASA C) · data analysis, visualisation and interpretation, identification of disease-relevant biomarkers · GraphPad Prism, Microsoft Office, SAP

Continuing education

2018	Rhetoric and didactics in medical teaching
2017	FELASA certificate, laboratory animal science (level C)
2017	Management and Leadership
2014	Lecturing in English
2014	Fundamentals of statistics
2014	Third-party funding management

Languages

English · German · Polish

Full publication list (36 titles) available as a separate document. As of September 2026.