

Fleming, Ingrid Professor Dr.

Date & place of birth: 03/06/1966 in Ballymena, Northern Ireland
Nationality: British and Irish

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Total citations: 47858, h-index: 110, i10-index: 345 (Google Scholar).

Research Priorities: Molecular basis of cardiovascular diseases, endothelial cells, signal transduction.

Education

1984 - 1988 BSc in Pharmacology and Biochemistry (Combined Honours, *First Class*), Aston University, Birmingham, England.
1988 - 1991 PhD in Molecular Pharmacology, Université Louis Pasteur, Strasbourg, France, (defense: 28.9.91; grade: *très honorable*).
1999 Habilitation in Physiology.

Professional Positions

1991 - 1993 Post-Doc at Institut für Angewandte Physiologie (Director: Professor Dr. E. Bassenge), Albert-Ludwigs-University Freiburg, Germany.
1993 - 1999 Senior Research Fellow at the Institut für Kardiovaskuläre Physiologie (Director: Professor Dr. R. Busse), Goethe University, Frankfurt am Main, Germany.
1999 - 2004 Leader of the Vascular Signal Transduction Section, at the Institut für Kardiovaskuläre Physiologie, Goethe University, Frankfurt am Main, Germany.
2004 - 2008 Professor of Physiology (C3; Vascular Signalling), at the Goethe University, Frankfurt am Main, Germany.
2007- 2008 Chairperson of the Centre of Physiology, at the Goethe University, Frankfurt am Main, Germany.
Since 2008 Professor of Physiology (W3) and Director of the Institute for Vascular Signalling, Centre for Molecular Medicine, Goethe University, Frankfurt am Main, Germany.
Since 2010 Chairperson of the Centre for Molecular Medicine, at the Goethe University, Frankfurt am Main, Germany.

Awards and Honors

1988 Greenshield award for Biochemistry, Aston University, Birmingham
1996 Dr. Paul und Cilli Weill-Stiftung für den Wissenschaftlichen Nachwuchs, JWG-Universität, Frankfurt am Main
1999 Servier Förderpreis der Gesellschaft für Mikrozirkulation und Vaskuläre Biologie
1999 Heinz Meise-Preis der Deutschen Herzstiftung (German Heart foundation)
2000 Nitric Oxide Society Young Investigator Award
2002 The Herbert und Hedwig Eckelmann Prize
2002 Arthur Weber Prize of the Deutsche Gesellschaft für Kardiologie –Herz- und Kreislaufforschung. (German Cardiac Society).
2003 Schunk-Preis for Medicine from the Justus-Liebig-Universität Universität, Gießen, Germany.
2010-2013 President of the European Vascular Biology Organization.
Since 2016 Member of the Deutschen Akademie der Naturforscher Leopoldina (German National Academy of Sciences).
2018-2021 Guest Professor at Huazhong University of Science and Technology, Wuhan, China.
Since 2018 Member of the Academia Europaea (The Academy of Europe).
2021 Inaugural Fellow of the International Union of Physiological Sciences Academy.
2022 Honorary Award Lecture on Basic Science from the German Cardiac Society

2022 Ernst Jung Prize for Medicine (https://jung-stiftung.de)
Since 2023 Consulting Professor at Huazhong University of Science and Technology, Wuhan, China.

Research Management

2005-2009 Speaker of the DFG-funded Research Unit (#501) “Vascular homeostasis: molecular mediators and cellular mechanisms”
2006-2018 Member of the Excellence Cluster Cardio-Pulmonary Systems (ECCPS) Steering Committee.
2010-2022 Speaker of the DFG-funded Collaborative Research Centre (SFB 834) “Endothelial Signalling and Vascular Repair".
Since 2011 Principal Investigator German Centre for Cardiovascular Research.
Since 2013 Steering Committee Member of the DFG-funded Collaborative Research Centre (SFB 1039) “Signalling by Fatty Acid Derivatives and Sphingolipids in Health and Disease".
2017-2020 Steering Committee Member of the DFG-funded Collaborative Research Centre (SFB) 815 “Redox Regulation: Generator Systems and Functional Consequences".
Since 2019 Member of the Excellence Cluster “Cardio-Pulmonary Institute (CPI)” Steering Committee.
2020-2024 Nucleus member of the European Society of Cardiology (ESC) Working Group on Coronary Pathophysiology & Microcirculation.
Since 2022 Vice speaker of DFG-funded Collaborative Research Centre (SFB) 1531 “Damage control by the stroma-vascular compartment”.
2022-2024 Member of the European Society of Cardiology (ESC) Scientific Documents Committee
2022-2024 Treasurer of the European Society of Cardiology (ESC) Working Group on Coronary Pathophysiology & Microcirculation.
Since 2023 Research Dean, Faculty of Medicine, Goethe University Frankfurt.
2024-2028 Topic Group Coordinator “Basic Science” European Society of Cardiology (ESC) Congress Program Committee.

Teaching

1993-2005: Practical courses in Physiology for medical and dentistry students.
2006-2014: Physiology, tutorials groups (2 per week, all physiology topics) for medical students.
2007-2014: General lectures in Physiology (medical and dentistry students).
Since 2014: Lectures, seminars and practical courses for students of the MSc course in Molecular Medicine.
Since 2018 Lectures and practical courses for the BSc course Medizintechnik (Goethe University together with the TU Darmstadt)

Teaching Administration

Since 2014: Vice chair of the examination committee MSc Molecular Medicine.
Since 2017: Responsible for the Cell Biology and Physiology Modules for the BSc in Medical Technology (Goethe University together with the TU Darmstadt).
Since 2017: Vice speaker of the DFG funded research training group GRK 2336 (Resolution of Inflammatory Reactions).
Since 2022 Speaker of the Integrated Research Training Group in DFG-funded Collaborative Research Centre (SFB) 1531.
Since 2022 Chair of the CardioPulmonary Institute (CPI) PhD committee.
Since 2022 Director of the MSc “Molecular Medicine” at Goethe University, Faculty of Medicine.

Editorial boards

Current*:*	Cardiovascular Research	(Deputy Editor)
	Pflüger’s Arch Eur J Physiol	(Associate Editor)
	Basic Research in Cardiology	(Editorial Board)
Retired:	Circulation Research	(2007-2013 Associate Editor)
	Circulation Research	(2014-2019 Consulting Editor)
	Journal of Vascular Research	(2006-2026 Consulting Editor)
	British Journal of Pharmacology	(Editorial Board)
	Arteriosclerosis, Thrombosis, and Vascular Biology	(2003-2023 Editorial Board)
	Journal of Cardiovascular Pharmacology	(1999-2021 Editorial Board)
	Prostaglandins & Other Lipid Mediators	(Associate Editor)
	Am. J. Physiol.-*Heart and Circulatory Physiology*	(Editorial Board)

Am. J. Physiol.-*Cell* (Editorial Board)

Reviewer for Journals Arteriosclerosis, Thrombosis and Vascular Biology, American Journal of Physiology, Circulation Research, Arteriosclerosis, Thrombosis and Vascular Biology, Circulation, European Heart Journal, European Journal of Physiology/Pflügers Archiv, Hypertension, Journal of Cardiovascular Research, Journal of Clinical Investigation, Journal of Pharmacology and Experimental Therapeutics, Journal of Physiology, Nature, Nature Communications.

Reviewer for funding bodies: Deutsche Forschungsgemeinschaft, European Commission (FP5 & FP6-Programm, ERC consolidator and advanced grants), ATIP-AVENIR.

Publications

Full publication list: INGRID FLEMING - SEARCH RESULTS - PUBMED