

Curriculum Vitae

Jürgen Schrader, Dr. med.

Professor of Physiology

Department of Molecular Cardiology, Heinrich-Heine-University Düsseldorf

Family status: born in Komotau, Czech Republic, married, three children

Education and Training:

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| 1963 - 1968 | Study of Medicine at the Universities of Cologne, Munich and Freiburg.
Graduation from Medical School in Freiburg, Germany |
| 1967 - 1969 | MD thesis, Department of Physiology, University of Freiburg, (supervisor:
Prof. A. Fleckenstein) |
| 1968 - 1970 | Internship at the University Hospital Cologne, Germany |

Academic Positions

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| 1970 - 1971 | Fulbright-Hays Scholar at the Department of Physiology, University of
Virginia, Charlottesville/USA (supervisor: Dr. R.M. Berne) |
| 1971 - 1974 | Research Assistant at the Department of Physiology, University Aachen
(RWTH), with Professor Dr. E. Gerlach |
| 1974 - 1980 | Research Assistant at the Department of Physiology, University of Munich,
Germany |
| 1978 | Habilitation in Physiology, Munich |
| 1980 - 1983 | Associate Professor of Physiology, Department of Physiology, University of
Munich, Germany |
| 1983 - 2011 | Professor and Head of the Department of Physiology, University of
Duesseldorf, Germany |
| Since 2011 | Professor and Head of the Department of Molecular Cardiology, University of
Duesseldorf, Germany |

Selected Professional Research Duties

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| 1990 -1993 | Head of the Search Committee for all Associate and Full Professorships in the
Basic Sciences at the Charité, Humboldt-University, Berlin, Germany |
| 1992 - present | Visiting Fellow at the Cardiovascular Research Center, University of Virginia,
USA |
| 1992 - 1993 | President of the German Physiological Society |
| 1994 - 1995 | CEO of the start-up "Cardion AG" |
| 1995 - 2001 | Head of the Scientific Advisory Board of "Cardion AG" |
| 1999 - 2000 | President of the German Society of Cardiology |

2003 - 2008	Vice-President for Research and Transfer of Technology at the Heinrich-Heine-University of Dusseldorf, Germany
2004 - 2008	Member of the DFG peer review panel on "Heart and Circulatory System"
2002 - 2012	Founding Chairman and Speaker of the Collaborative Research Centre (SFB 612) on "Molecular analysis of cardiovascular function and dysfunction"
2009 - 2016	Scientific advisory board "Center of Cardiovascular Excellence", Oxford, Great Britain
2005 - 2018	Scientific advisory board of the "Kerckhoff-Clinic", Bad Nauheim

Sabbatical leave:

1982	with Martin Rodbell and Constantin Londos, NIDDK, NIH Bethesda, USA, on adenosine signaling.
1989	with Sir George Radda, Department of Biochemistry, NMR-Laboratory, University of Oxford, U.K. on MRS/MRI.
2003	with Donald Hunt, Department of Chemistry, Laboratory of Biological Mass Spectrometry, University of Virginia, Charlottesville, USA.

Awards and Honors

1994	"Paul-Morawitz" price for research achievements by the German Society of Cardiology
1994	Honorary Member of the Humboldt-University, Berlin
2006	Member of the "German National Academy of Sciences, Leopoldina"
2007	Member of the National Academy of Spain "Real Academia Nacional de Farmacia", Madrid, Spain

Reviewer for funding agencies, including DFG (D), BMBF (D), Wellcome Trust (UK), NSF (USA), NIH (USA), United States - Israel Binational Science Foundation (BSF)

Reviewer for journals, including PNAS, Nature, Circ.Res., Circulation, J.Exp.Med., FASEB, PLOS-Biology, AJP, Biophys. J., J. Biol.Chem.

Present funding since 2015

German Research Foundation (DFG), Collaborative research center *CRC 1116 "Master switches in cardiac ischemia"*

- funding period 2014 – 2018 Project B01: Rolle der CD73-Adenosine Rezeptor Achse auf T-Zellen in der Remodellierungsphase nach akutem Myokardinfarkt. funding volume: 337.000 €
- funding period 2019 – 2022 Project B01: The CD73-adenosine-Interleukin 6-type cytokines axis in myocardial infarction. Project coordinator, joint grant with Prof. Scheller, (HHU Düsseldorf). funding volume: 590.600 €

German Research Foundation (DFG), *IRTG1902 "Intra- and interorgan communication of the cardiovascular system"*

- funding period 2013 – 2018 P11: Role of Adenosine A2A Receptors in Cardio-Renal Crosstalk. funding volume: 220.000 €
- funding period 2018 – 2022 P11: Role of Pannexin 1 in ATP-induced purinergic signaling in cardiac and kidney fibroblasts during tissue injury. funding volume: 260.000 €

EU-Project *NOVA-MRI: Novel Applications in 19F Magnetic Resonance Imaging*, 12/2020 – 11/2023. Funding volume: 210.00 €