

Sen.-Prof. Dr. Gudrun Rappold

First female senior professor of Medical Faculty Heidelberg

<https://www.klinikum.uni-heidelberg.de/personen/prof-dr-rer-nat-gudrun-rappold-3324>



Scientific Background

Study of Biology at Universities of Stanford, USA, Konstanz and Heidelberg

Ph.D. in Cytogenetics and Molecular Genetics at the Institute of Human Genetics, Heidelberg

Postdoc at the Mammalian Genome Unit, MRC, Edinburgh, Scotland

Postdoctoral Research Fellow at the EMBL, Heidelberg and ICRF, London

Offer for C3 professorship at MPI Berlin, declined; First position (C4) Uni Tübingen;

Chair of Human Genetics, University Freiburg, declined

Director, Department Molecular Human Genetics (C4), University of Heidelberg (2002-2022)

Professional Activities

University Professor (Medical Faculty; co-opt: Faculty of Biosciences); Scientific Adviser in Court as well as for National and International Organizations; Service on various University committees, International Advisory boards, as well as for International Government and Scientific societies; Member of Centre of Rare disease, Associate member Excellence cluster *CellNetworks*; Interdisciplinary Centre of Neurosciences, and German Cardiology Centre (DZHK); Editorial board member; Coordinator of an international multicentric diagnostic and clinical trial; Senate Committee for Gender equality; Advisory board of various Foundations; Consultant for Biomedical Industry

Research Interests

Biology of sex chromosomes and role of transcription factors in growth and development;

Identification and functional characterisation of more than 30 novel disease genes underlying developmental disorders including endocrinological disorders, intellectual disability and autism;

Cell lines, primary cells, induced pluripotent stem cells, genome editing, as well as different animal models have been used to address molecular and cellular functions of these genes;

Protection of genetic minorities

Publications; Patents; Supervisor

>300 Original papers, Reviews and Book chapters, (h-index 74; >22,000 citations); 2 Monographs

1 US patent, 1 European patent, 1 Australian patent

Supervision of 38 PhD, 13 Dr.med., 26 Diplom and Master, 5 Habilitation, as well as countless committees for TACs and the defence of doctoral theses of external doctoral candidates in Heidelberg, Germany and Europe

Awards and Honors

Research Fellowship by the DAAD; Gerhard Hess Award; 5 Year Award by the Deutsche Forschungsgemeinschaft; Award for Basic Research of the State Baden-Württemberg; External Advisory board, DFG; Scientific Advisory board of Telethon Foundation, Italy and Fondazione Cariplo, Italy; Co-Chair of ERC panel LS2, Brussels, Belgium; Marsilius Fellow; Chair of the HCERES evaluation committee, INSERM-Université, Paris, France; External Scientific Advisor, Center of Human Genetics, University of Leuven, Belgium; Seniorprofessor at the Ruperto-Carola-University of Heidelberg