



Research in Germany - Gastroenterological Research -



Gastroenterological research in Germany is conducted at universities as well as non-university research institutes. The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) is a major funding organisation to support gastroenterological research at universities. Important German research organisations such as the Fraunhofer Society (applied research), the Leibniz Association (basic and applied research), the Helmholtz Association (research on grand challenges) and the Max Planck Society (basic research) maintain own research institutes with specific foci. Some research institutes and programmes are funded directly by the federal and state governments. There also exist private and public foundations that support research in Germany, for example the Alexander von Humboldt Foundation (AvH). Graduate training is provided at universities and non-university research institutions in cooperation with universities. Here, besides the DFG also the Helmholtz Association, the Max Planck Society and the Leibniz Association offer graduate training programmes which may also be related to gastroenterological research. There also exist PhD programmes and PhD funding schemes by the state governments, the German Academic Exchange Service (DAAD) and foundations.

COORDINATED RESEARCH PROGRAMMES FUNDED BY DFG

- Collaborative Research Centres (CRC)**
(Sonderforschungsbereiche; SFB)
- 841 Liver inflammation: infection, immune regulation and consequences, Hamburg
- 974 Communication and Systems Relevance in Liver Injury and Regeneration, Düsseldorf
- 1321 Modelling and Targeting Pancreatic Cancer, Munich
- 1382 Gut-liver axis - Functional circuits and therapeutic targets, Aachen
- Collaborative Research Centres/Transregions (TRR)**
(SFB/Transregio; TRR)
- 57 Organ Fibrosis: From Mechanisms of Injury to Modulation of Disease, Aachen/Bonn
- 241 Immune-Epithelial Communication in Inflammatory Bowel Diseases, Erlangen/Berlin
- 209 Liver Cancer - New Mechanistic and Therapeutic Concepts in a Solid Tumor Model, Heidelberg/Hannover/Tübingen
- 179 Determinants and Dynamics of Elimination versus Persistence of Hepatitis Virus Infection, Heidelberg/Freiburg/Munich

Clinical Research Units (KFO)

- 306 Primary Sclerosing Cholangitis, Hamburg
- 325 Clinical relevance of tumor-microenvironment interactions in pancreatic cancer, Marburg
- 339 Food Allergy and Tolerance (Food@), Berlin

Priority Programmes

- 1656 Intestinal Microbiota - A Microbial Ecosystem at the Edge between Immune Homeostasis and Inflammation, Freising
- 1937 Innate Lymphoid Cells, Berlin

Research Units

- 2438 Cell Plasticity in Colorectal Carcinogenesis, Frankfurt
- 1321 Universal, scalable platform concept for microinvasive visceral surgical interventions, Munich

GERMAN CENTRES FOR HEALTH RESEARCH

- German Center for Infection Research (DZIF): www.dzif.de/en
- German Consortium for Translational Cancer Research (DKTK): www.dkfz.de/en/dtkk
- German Center for Diabetes Research (DZD): www.dzd-ev.de/en

SOCIETIES AND ASSOCIATIONS

- German Society for Gastroenterology, Digestive and Metabolic Diseases: www.dgvs.de [DE]
- German Society for Internal Medicine (DGIM): <https://www.dgim.de/>
- German Society for Haematology and Medical Oncology (DGHO): www.dgho.de [DE]
- German Society for Tropical Medicine and International Health (DTG): www.dtg.org [DE]
- German Society for Immunology (DGfI): www.dgfi.org
- German Society for Hygiene and Microbiology (DGHM): www.dghm.org
- German Society for Infectiology (DGI): <https://www.dgi-net.de/>
- German Society of Medical Intensive Care and Emergency Medicine (DGIM): <https://www.dgim.de/>



Contact

German Research Foundation (DFG) Dr. Wiebke Ginter
DFG Head Office Germany - Life Sciences 3: Medicine -
www.dfg.de wiebke.ginter@dfg.de



CLUSTERS OF EXCELLENCE

Clusters of Excellence (EXC)

- ImmunoSensation2: The Immune Sensory System (EXC 2151), Bonn
- Cellular Stress Responses in Aging-associated Diseases (EXC 2030), Cologne

- RESIST - Resolving Infection Susceptibility (EXC 2155), Hannover
- Precision Medicine in Chronic Inflammation (EXC 2167), Kiel
- Controlling Microbes to Fight Infections (EXC 2124), Tübingen
- Image-Guided and Functionally Instructed Tumor Therapies (iFIT) (EXC 2180), Tübingen



GRADUATE TRAINING FUNDED BY DFG

Research Training Groups (RTG)

- 2254 Heterogeneity and evolution in solid tumors (HEIST): Molecular characterization and therapeutic consequences, Ulm
- 2318 Tight junctions and their proteins: molecular features and actions in health and disease, Berlin

Integrated Research Training Groups within CRC/Transregions

- Integrated Research Training Group (iRTG) "Intestinal Inflammation - From Bench to Bedside" (TRR 241)
- Integrated Research Training Group "Immunovirology" (TRR 179)
- Integrated Research Training Group "Inflammation & Regeneration" (CRC 841)
- Integrated Research Training Group "Communication and System Relevance in Liver Damage and Regeneration" (CRC 974)
- Integrated Research Training Group "Gut-Liver Axis" (CRC 1382)
- Integrated Research Training Group "Microbiome Signatures" (CRC 1371)
- Integrated Research Training Group within: Targeting Convergent Mechanisms of Inefficient Immunity in Tumors and Chronic Infection (CRC 1292)

GRADUATE TRAINING AT NON-UNIVERSITY RESEARCH INSTITUTIONS

International Max Planck Research Schools (IMPRS)

- Berlin IMPRS for Infectious Diseases and Immunology: www.zibgraduateschool-berlin.de
- Freiburg IMPRS for Molecular and Cellular Biology: www.ie-freiburg.mpg.de/IMPRS-PhDProgram
- Münster IMPRS for Molecular Biomedicine: www.imprs-mbmcedad.mpg.de
- Munich IMPRS for Molecular and Cellular Life Sciences: From Biology to Medicine: <https://imprs-ls.opencampus.net>

Leibniz Graduate Schools

- Göttingen Leibniz Graduate School for Emerging Infectious Diseases (EIDIS): www.dpz.eu/en/career/graduate/training/emerginginfectious-diseases.html
- Hamburg Leibniz Graduate School "Infections": www.lc-infection.de/lc-graduate-school.html
- Jena Leibniz Graduate School on Aging: <http://lgsa.leibniz-fl.de>

Helmholtz Graduate Schools

- Berlin MDC Graduate School: www.mdc-berlin.de/graduate-school
- Heidelberg Helmholtz International Graduate School for Cancer Research: www.dkfz.de/en/phd-program
- Braunschweig The Helmholtz Graduate School for Infection Research (HZI Graduate School): www.helmholtz-hzi.de/en/career/graduate_school

RESEARCH AT NON-UNIVERSITY RESEARCH INSTITUTIONS

Fraunhofer Institutes

- Leipzig Fraunhofer Institute for Cell Therapy and Immunology IZI: www.izi.fraunhofer.de
- Hannover Fraunhofer Institute for Toxicology and Experimental Medicine ITEM: www.item.fraunhofer.de

Max Planck Institutes

- Berlin Max Planck Institute for Molecular Genetics: www.molgen.mpg.de
- Berlin Max Planck Institute for Infection Biology: www.mpiib-berlin.mpg.de
- Cologne Max Planck Institute for Biology of Ageing: www.age.mpg.de
- Cologne Max Planck Institute for Metabolism Research: www.sf.mpg.de
- Freiburg Max Planck Institute of Immunobiology and Epigenetics: www.ie-freiburg.mpg.de
- Göttingen Max Planck Institute for Experimental Medicine: www.em.mpg.de
- Münster Max Planck Institute for Molecular Biomedicine: www.mpg.de/154129/molekulare_biomedizin

Leibniz Institutes

- Hamburg Heinrich-Pette-Institute - Leibniz Institute for Experimental Virology: www.hpi-hamburg.de
- Jena Leibniz Institute on Aging - Fritz Lipmann Institute: www.leibniz-fl.de
- Nuthetal (Potsdam) German Institute of Human Nutrition: www.dife.de

Helmholtz Centres

- Berlin Max Delbrück Center for Molecular Medicine in the Helmholtz Association: www.mdc-berlin.de
- Braunschweig Helmholtz Centre for Infection Research: www.helmholtz-hzi.de
- Heidelberg German Cancer Research Center (DKFZ): www.dkfz.de
- Dresden Helmholtz-Zentrum Dresden-Rossendorf: www.hzdr.de



AN INITIATIVE OF THE



Research in
Germany
Land of Ideas