

**ORGANIZATION CHART OF THE
MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE IN THE HELMHOLTZ ASSOCIATION**
CORPORATION UNDER PUBLIC LAW

SCIENTIFIC ADVISORY BOARD

Chair
Dr. Jo Bury

SUPERVISORY BOARD

Chair
Thomas Romes
(Fed. Min. Education and Research)

SCIENTIFIC COUNCIL

Chair Prof. Dr. Young-Ae Lee
Vice Chair Prof. Dr. Markus Landthaler

BOARD OF DIRECTORS

Chair, Scientific Director Prof. Dr. Maike Sander
Administrative Director Prof. Dr. Heike Graßmann

**SYSTEMS MEDICINE AND
CARDIOVASCULAR DISEASES**

Program Speaker Prof. Dr. Norbert Hübner
Vice Speaker Prof. Dr. Ana Pombo

STAFF UNIT

- Strategy
Tim Flink
- Internal Audit
Ingo Kahl
- Communications
Jutta Kramm
- Sustainability
Christian Panetzky
- safety
Alexander Dräger

- Helmholtz Network of Expertise for Climate-friendly Construction
Christian Langfeld

REPRESENTATIVES

- Animal Welfare Officer
Nadja Daberkow-Nitsche
- Anti-Corruption Officer
Kirstin Bodensiek
- Compliance Officer
Jörg Pamperien
- Data Protection Officer
Victoria Johnson
- Disabilities Officer
Marion Posselt-Hofmann
- Hazardous Goods Officer
Nico Schimmelpfennig
- IT Security Officer
Thomas Junge
- Research Ombudsman
Prof. Dr. Udo Heinemann
Prof. Dr. Claus Scheidereit
- Risk Management Officer
Karolin Schüller
- Radiation Protection Officer
Dr. Shokoufeh Mahmoodzadeh
- Women's Representative
Dr. Christiane Nolte

STAFF COUNCIL

- Chair
Carola Griffel

GENES, CELLS AND CELL-BASED MEDICINE

Speaker Prof. Dr. Nikolaus Rajewsky	Vice Speaker Prof. Dr. Markus Landthaler
Single Molecule Biophysics probing Quantitative Neuroscience Dr. Melissa Birol	Bioinformatics of RNA Structure and Transcriptome Regulation Prof. Dr. Irmtraud Meyer
Molecular Oncology Dr. Gaetano Gargiulo	Quantitative Stem Cell Biology Dr. Jakob Metzger
Stem Cell Modeling of Development and Disease Dr. Mina Gouti	Computational Regulatory Genomics Prof. Dr. Uwe Ohler
Computational methodologies and omic analytics Dr. Laleh Haghverdi	Epigenetic Regulation and Chromatin Architecture Prof. Dr. Ana Pombo
Genetics and Genomics of Cardiovascular Diseases Prof. Dr. Norbert Hübner	Systems Biology of Gene Regulatory Elements Prof. Dr. Nikolaus Rajewsky
Quantitative Developmental Biology Prof. Dr. Jan Philipp Junker	Chromatin (dys)function in disease Dr. Michael Robson
Biomedical Image Analysis Prof. Dr. Dagmar Kainmüller	Pancreatic Organoid Research and Disease Modelling Prof. Dr. Maike Sander
RNA Biology and Posttranscriptional Regulation Prof. Dr. Markus Landthaler	Genome instability and somatic mosaicism Dr. Ashley Sanders
Computational and developmental biology Dr. Markus Mittenzweig	

MOLECULAR PROCESSES AND THERAPIES

Speaker Prof. Dr. Gary Lewin	Vice Speaker Prof. Dr. Katja Simon
Spatial Proteomics Dr. Fabian Coscia	in Situ Structural Biology Prof. Dr. Mikhail Kudryashev
Structural Biology of Membrane-Associated Processes Prof. Dr. Oliver Daumke	Molecular Physiology of Somatic Sensation Prof. Dr. Gary Lewin
Mathematical Cell Physiology Prof. Dr. Martin Falcke	Allosteric Proteomics Dr. Ilaria Piazza
Molecular Pathways in Cortical Development Dr. Annette Hammes-Lewin	Cellbiology of Immunity Prof. Dr. Katja Simon
Molecular and cellular basis of behavior Dr. Hanna Hörnberg	Proteome Dynamics Prof. Dr. Matthias Selbach
Mobile DNA Dr. Zsuzsanna Izsák	Intracellular Proteolysis Prof. Dr. Thomas Sommer
Anchored Signalling Dr. Enno Klußmann	Proteomics and Molecular Mechanisms of Neurodegenerative Diseases Prof. Dr. Erich Wanker
	Mathematical Modelling of Cellular Processes Prof. Dr. Jana Wolf

INTEGRATIVE BIOMEDICINE

Speaker Prof. Dr. Dominik Müller	Vice Speaker Prof. Dr. Michela Di Virgilio
Molecular Biology of Peptide Hormones Prof. Dr. Michael Bader	Hypertension-Mediated End-Organ Damage Prof. Dr. Dominik Müller / Prof. Dr. Ralf Dechend
Developmental Biology / Signal Transduction Prof. Dr. Carmen Birchmeier-Kohler	Experimental Ultrahigh-Field MR Prof. Dr. Thoralf Niendorf
Molecular Immunology and Gene Therapy Prof. Dr. Thomas Blankenstein	Molecular Epidemiology Prof. Dr. Tobias Pischon
Systems biology of cardiovascular and neuronal pathologies Dr. Daria Bunina	Neural Circuits and Behaviour Prof. Dr. James Poulet
Genome Diversification & Integrity Prof. Dr. Michela Di Virgilio	Immune Regulation and Cancer Prof. Dr. Klaus Rajewsky
Integrative Vascular Biology Prof. Dr. Holger Gerhardt	Translational Tumorimmunology Dr. Armin Rehm
Translational Cardiology and Functional Genomics Prof. Dr. Michael Gotthardt	Cardiovascular-Hematopoietic Interaction Dr. Suphansa Sawamiphak
Microenvironmental Regulation in Autoimmunity and Cancer Dr. Uta Höpken	Molecular mechanisms of environment sensing Dr. Yoichiro Sugimoto
IPS Cell-Based Disease Modeling Dr. Ralf Kühn	Genetics of Metabolic and Reproductive Disorders Prof. Dr. Mathias Treier
Molecular Genetics of Chronic Inflammation and Allergic Disease Prof. Dr. Young-Ae Lee	Molecular Cardiovascular Research Prof. Dr. Thomas Willnow
	Development and Function of Neural Circuits Dr. Niccolo Zampieri

COLLABORATIVE TRANSLATIONAL ACTIVITIES

Speaker N.N.	Vice Speaker N.N.
ECRC - MDC and Charité - Universitätsmedizin	
Applied Research of the Visual System Dr. Hanna Zimmermann	Clinical Neuroimmunology Prof. Dr. Friedemann Paul
Epigenetic Modifications in Neuroblastoma Prof. Dr. Hedwig Deubzer	Molecular Mechanisms in Autoimmune Kidney Disease PD Dr. Adrian Schreiber
Genomic Instability in Pediatric Cancer Dr. Anton G. Henssen	Cardiovascular MRI Prof. Dr. Jeanette Schulz-Menger
Nephrology and Inflammatory Vascular Diseases Prof. Dr. Ralph Kettritz	Neuroimmunology Laboratory PD Dr. Volker Siffrin
Clinical Cardiogenetics Prof. Dr. Sabine Klaassen	Muscle Research Prof. Dr. Simone Spuler
Biology of Malignant Lymphomas Dr. Stephan Mathas / Dr. Martin Janz	Translational Neuroimmunology Prof. Dr. Frederike C. Oertel
Immune Dysregulations in Oncology Prof. Dr. Il-Kang Na	Immune-Microbial Dynamics in Cardiorenal Disease Dr. Nicola Wilck
Innate Immunity & Neuroinflammation Prof. Dr. Carmen Infante Duarte	Host-microbiome Factors in Cardiovascular Disease Prof. Dr. Sofia Forstlund
translational groups - MDC and Charité - Universitätsmedizin	
Hematology, Oncology and Tumor Immunology Prof. Dr. Lars Bullinger	Translational Approaches in Heart Failure and Cardiometabolic Disease Dr. Gabriele Schiattarella
Kidney Cell Engineering Dr. Michael Kaminski	Cancer Genetics and Cellular Stress Responses Prof. Dr. Clemens Schmitt
Mechanism-based Cancer Therapies Dr. Ulrich Keller	Psychoneuroimmunology Dr. Susanne Wolf
Antiviral Immunity Prof. Dr. Quentin Sattentau	Gastrointestinal Barrier, Regeneration and Carcinogenesis Dr. Michael Sigal
Translational Oncology of Solid Tumors Prof. Dr. Ulrike Stein	Tumor immunology Prof. Johannes Huppa
translational groups- MDC and BIH	
From Cell States to Function Dr. Stefanie Großwendt	Stem Cell Dynamics and Mitochondrial Genomics Dr. Leif Ludwig
Systems Hematology, Stem Cells & Precision Medicine Dr. Simon Haas	Angiogenesis & Metabolism Laboratory Prof. Dr. Michael Potente
translational groups - other partner situations	
Intracellular Proteolysis Prof. Dr. Thomas Sommer	Immune Mechanisms and Human Antibodies Prof. Dr. Kathrin de la Rosa

ADMINISTRATION

People and Culture Petra Nibbe
Finances Katrín Rosswog
Purchasing and Logistics Simone Pflaume
Legal Department Kirstin Bodensiek
Strategic Cooperations & Research Funding Dr. Seda Cöl Arslan
Innovation & Entrepreneurship Nevine Shalaby
Funding Resources Management DZHK Magdalena Milsch-Hetzig
Central IT Karsten Häcker
Technical Facility Management Ralf Streckwall
Animal Facilities Nadja Daberkow-Nitsche
Library N.N.
HI-TAC Management Franziska Hasslinger-Pajtlér

TECHNOLOGY PLATFORMS

Scientific Infrastructure Board Dr. Niccolo Zampieri Prof. Dr. Matthias Selbach Dr. Jan Philipp Junker	Executive Management Dr. Jutta Steinkötter				
Bioinformatics Dr. Altuna Akalin	Pluripotent Stem Cells Dr. Sebastian Diecke	Proteomics / Metabolomics Dr. Stefan Kempa	Chemical Biology (with FMP) Dr. Marc Nazaré Dr. Jens Peter von Kries	Electron Microscopy Dr. Séverine Kunz	Protein Production & Characterization Dr. Anja Schütz
Genomics (with BIH) Dr. Janine Altmüller (BIH)	Image Data Analysis Deborah Schmidt	Transgenics Dr. Ralf Kühn	Magnetic Resonance Prof. Dr. Thoralf Niendorf	Flow Cytometry Dr. Hans-Peter Rahn	Advanced Light Microscopy Dr. Anje Sporbert
Cryo Electron Microscopy (with Charité) Dr. Christoph Diebold (Charité)	Animal Phenotyping Dr. Arnd Heuser	Proteomics (with BIH) Dr. Philipp Mertins	Biobank Prof. Dr. Tobias Pischon	Organoids Dr. Agnieszka Rybak-Wolf	Systems Biology Imaging Dr. Robert Zinzen