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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
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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
Physiology and Pathology of Ion Transport Prof. Dr. Thomas Jentsch	Proteomics and Molecular Mechanisms of Neurodegenerative Diseases Prof. Dr. Erich Wanker
Anchored Signalling Dr. Enno Klußmann	Mathematical Modelling of Cellular Processes Prof. Dr. Jana Wolf

INTEGRATIVE BIOMEDICINE

Speaker Prof. Dr. Michela Di Virgilio	Vice Speaker Prof. Dr. Dominik Müller
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
Immune Mechanisms and Human Antibodies Prof. Dr. Kathrin de la Rosa	Immune Regulation and Cancer Prof. Dr. Klaus Rajewsky
Genome Diversification & Integrity Prof. Dr. Michela Di Virgilio	Translational Tumorimmunology Dr. Armin Rehm
Integrative Vascular Biology Prof. Dr. Holger Gerhardt	Cardiovascular-Hematopoietic Interaction Dr. Suphansa Sawamiphak
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Microenvironmental Regulation in Autoimmunity and Cancer Dr. Uta Höpken	Genetics of Metabolic and Reproductive Disorders Prof. Dr. Mathias Treier
iPS Cell-Based Disease Modeling Prof. Dr. Ralf Kühn	Molecular Cardiovascular Research Prof. Dr. Thomas Willnow
Molecular Genetics of Chronic Inflammation and Allergic Disease Prof. Dr. Young-Ae Lee	Development and Function of Neural Circuits Dr. Niccolo Zampieri

COLLABORATIVE TRANSLATIONAL ACTIVITIES

Speaker Prof. Dr. Thomas Sommer	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 Oncology of Solid Tumors Prof. Dr. Ulrike Stein
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 Forslund
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	Synaptic Transmission and Plasticity Prof. Dr. Dietmar Schmitz
Antiviral Immunity Prof. Dr. Quentin Sattentau	Psychoneuroimmunology Dr. Susanne Wolf
Gastrointestinal Barrier, Regeneration and Carcinogenesis Dr. Michael Sigat	

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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

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 Organ Models Prof. Dr. Sarah Hedtrich	