

University of Bonn
Mathematics and Natural Sciences Faculty
Molecular Biomedicine Division

Research groups



Managing Director
Prof. W. Kolanus

Education & Training

Study Programs Coordination Office
 C. Famulok

Public Relations

Communication & Building Management
 S. Hoch

IT Administration

Media/Information Technology
 T. Wegner, M. Lange

Technical Platforms

Genetic Resources Center (GRC)
 Dr. J. Degen/Prof. W. Kolanus

PRECISE Platform foR Single Cell GenomIcS and Epigenomics, Prof. J. L. Schultze

Superresolution light microscopy facility
 Prof. Th. Lang

Genetic engineering facility
 Prof. I. Förster/Dr. J. Degen

Mass spectrometry
 Prof. Ch. Thiele

Confocal Laser Scanning Microscopy
 Dr. Th. Quast

Life Cell Imaging
 Dr. Th. Quast

Aptamer development platform at CARD
 Prof. G. Mayer/Dr. A. Nasiri

Unit 1
Genetics, Developmental Biology & Molecular Physiology:

AG Prof. Hoch/Dr. Bauer
 Developmental Genetics & Molecular Physiology

AG Prof. Mass
 Developmental Biology of the Immune System

AG Prof. Pankratz
 Molecular Brain Physiology & Behavior

AG Prof. Schmucker
 Neuronal Wiring

AG Prof. Tavosanis
 Developmental Neurobiology

Unit 2
Molecular Immune & Cell Biology:

AG Prof. Burgdorf
 Cellular Immunology

AG Prof. Förster
 Immunology & Environment

AG Prof. Hasenauer
 Rechnergestützte Lebenswissenschaften

AG Prof. Kiermaier
 Immune & Tumor Biology

AG Prof. Kolanus
 Molecular Cell & Immune Biology

AG Prof. Netea
 Immunology & Metabolism

AG Prof. Schlitzer
 Myeloid Cell Biology

AG Prof. Schultze
 Genomics & Immunoregulation

Unit 3
Membrane Biology & Biochemistry:

AG Prof. Lang
 Membrane Biochemistry

AG Prof. Sandhoff
 Lipid Biochemistry

AG Prof. Thiele
 Biochemistry & Cell Biology of Lipids

AG Dr. van Echten-Deckert
 Lipid Biochemistry


Unit 4
Chemical Biology & Medicinal Chemistry:

AG Prof. Bajorath
 Chemoinformatics


AG Prof. Famulok
 Chemical Biology


AG Prof. em. Kaupp
 Molecular Sensory Systems


AG Prof. Mayer
 Chemical Biology & Chemical Genetics

 Bonn-Poppelsdorf, LIMES-Gebäude, Carl-Troll-Str. 31,


 Bonn-Endenich, c/o Kekulé-Institut, Gerhard-Domagk-Str. 1

 Poppelsdorfer Schloss, Meckenheimer Allee 169

 HCM Villa Maria, Endenicher Allee 64

 B-IT Endenicher Allee 19c

 DZNE Sigmund-Freud-Straße 27

 caesar Ludwig-Erhard-Allee 2