

Nikolaus-Fiebiger-Center of Molecular Medicine (NFZ)

Speaker

Prof. Dr. med. Thomas Brabletz

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Aims and structure

The NFZ is a research institution of the Faculty of Medicine. The center harbors the two Chairs of Experimental Medicine I and II (Molecular Pathogenesis Research and Molecular Oncology, respectively), the Division of Molecular Immunology, a division of the Chair of Genetics (Faculty of Sciences), as well as a junior research group of the IZKF of the Faculty of Medicine. Additionally, laboratory space is provided to rotating clinical research groups. The intention of the research center is to strengthen biomedical research within the Faculty of Medicine by stimulating cooperations between basic and clinical researchers and by giving young clinicians the opportunity to carry out competitive biomedical research projects, benefitting from the infrastructure of a modern research center.

Research units

- Chair of Experimental Medicine I (Molecular Pathogenesis Research)
Prof. Dr. T. Brabletz
- Chair of Experimental Medicine II (Molecular Oncology)
Prof. Dr. J. Behrens
- Division of Molecular Immunology
Prof. Dr. H.-M. Jäck
- Department of Biology, Division of Genetics (Faculty of Sciences)
Prof. Dr. T. Winkler
- Junior research group 2 of the IZKF
Dr. P. Ceppi
- Clinical research groups
- Prof. Dr. A. Bozec (Department of Medicine 3 – Rheumatology and Immunology)
- Prof. Dr. B. Winner (Division of Stem Cell Biology)
- Prof. Dr. J. Winkler (Division of Molecular Neurology)
- Prof. Dr. Dr. h.c. R. Horch (Department of Plastic and Hand Surgery)
- Prof. Dr. G. Krönke (Department of Medicine 3 – Rheumatology and Immunology)

- Prof. Dr. K. Gelse (Department of Trauma Surgery – Orthopedic Surgery)
- Prof. Dr. L. Gözl (Department of Orthodontics and Orofacial Orthopedics)
- PD Dr. I. Cicha (Department of Otorhinolaryngology – Head and Neck Surgery)

Research and teaching

The main research topics at the NFZ comprise different aspects of molecular pathology, including tumor biology, immunology, neurobiology, and genetics.

The NFZ is well equipped with modern research facilities required for cell and molecular biological research, including animal facilities and offers a variety of biochemical, immunological, and cell biological seminars, guest lectures, and common graduate student seminars.

