



Campus Berlin-Buch
 | Der Gesundheit verpflichtet

**The Berlin-Buch Campus
 Model for Clinical Research in Germany**

The Berlin-Buch Campus in the northeast of Germany's capital has become an attractive place where basic research, clinical research and biotechnology companies meet. To date about 2,000 people, including scientists, clinical researchers, physicians, and entrepreneurs work on this campus.

Basic Research

The Max Delbrück Center for Molecular Medicine (MDC) Berlin-Buch focuses on cardiovascular and cancer research, genetics, bioinformatics and structural biology, cell growth and differentiation, molecular therapy, and neurosciences. The MDC is one of 16 laboratories forming the Helmholtz Association of German Research Centers (HGF). The Forschungsinstitut für Molekulare Pharmakologie (FMP) – the largest pharmacological institute in Germany – concentrates on the identification and characterization of proteins to identify new targets for novel drugs.

Clinical Research

The Robert Rössle Cancer Clinic and the Franz Volhard Clinic for Cardiovascular Disease are directly affiliated with the Charité Medical School of the Humboldt-University of Berlin. Together with MDC-scientists, the clinicians at the Rössle Clinic explore innovative avenues for cancer diagnosis and therapy, among them new immunological approaches and strategies for gene therapy. The clinicians at the Volhard Clinic treat patients with acute and chronic cardiovascular and renal diseases. They investigate the molecular causes for these diseases to develop new techniques for treatment and diagnosis.

Biotechnology Park

More than 40 biotechnology companies are already part of the Biotechnology Park. Their expertise and services range from the development of diagnostic techniques to vectors for gene therapy, peptide synthesis, protein analysis, cell and tissue grafts, research in bioinformatics, and molecular genetics. The Biotechnology Park was developed and is run by the BBB Biomedical Research Campus Berlin-Buch GmbH. In 1998 it set up a Technology and Innovation Center for start-ups.

Dr. Ulrich Scheller, Public-Relations, BBB Biomedical Research Campus Berlin-Buch GmbH
 Robert Rössle Strasse 10, 13125 Berlin, FRG
 Phone: +49 (30) 94 89-29 20; Fax: +49 (30) 94 89-29 27; <http://www.bbb-berlin.de>, e-mail: info@bbb-berlin.de

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**IMPRS - International Max Planck
 Research School on Biomimetic
 Systems**

The IMPRS on Biomimetic Systems is a graduate program funded by the Max Planck Society and the State of Brandenburg. The school aims to give young motivated students research skills and strong theoretical and experimental background in the interdisciplinary field of biomimetics. PhD positions are available for well qualified students from physics, chemistry or biology.

The three years program for students who have obtained a Master's degree (or Diploma, for German students) consists of lectures, active research and several interdisciplinary activities. Students who have not yet finished the Master's thesis but have completed their Bachelor's (or the first six semesters, for German students) will be offered a curriculum where they obtain the Master's degree (or Diploma) as an intermediate step towards the doctoral thesis.

The graduate school is run by the Max Planck Institute of Colloids and Interfaces in partnership with the University of Potsdam. The school is part of a newly established University Campus located in the surrounding of Potsdam and Berlin, with their unique scientific and cultural landscape.

Interested students should consult the web page of the school <http://www.mpikg-golm.mpg.de/IMPRS> for more information.

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