

Kurzprofil

Helmholtz-Institut für Pharmazeutische Forschung Saarland (HIPS)

PharmaForum 03.11.2010 in Mainz

1. University and Institution

Helmholtz-Institute for Pharmaceutical
Research Saarland (HIPS)
Prof. Dr. Rolf Müller, Head of the Institute
Campus, Building C2.3
Saarland University
66123 Saarbrücken/Germany
Tel.: +49 681 302 70200
Fax: +49 681 302 70202
e-mail: rolf.mueller@helmholtz-hzi.de

Helmholtz-Institute for Pharmaceutical Research Saarland



ca. 120 employes

2. Core Competences

Department "Microbial Natural Products" (MINS),

Prof. Dr. Rolf Müller:

Bacterial genomics
Natural product biosynthesis
Myxobacterial strain discovery
Mining bacterial metabolomes

Department "Drug Development and Optimization" (DDOP),

Prof. Dr. Rolf W. Hartmann:

Rational Drug Design
Molecular Modelling
Assay Development
Lead Optimization

Department "Drug Delivery" (DDEL),

Prof. Dr. Claus-Michael Lehr:

drug delivery
biological barriers
nanoparticulate carriers
in vitro models

3. Cooperations offered and requested

The institute has extensive expertise in all areas of natural product identification, structural elucidation, analytics, production, molecular biology, biotechnology, molecular modeling, medicinal chemistry. It seeks and offers short and long term research cooperations within the principal research focus of cell culture systems, *in vitro* models and advanced drug delivery systems and pharmaceutical sciences with anti-infective focus.