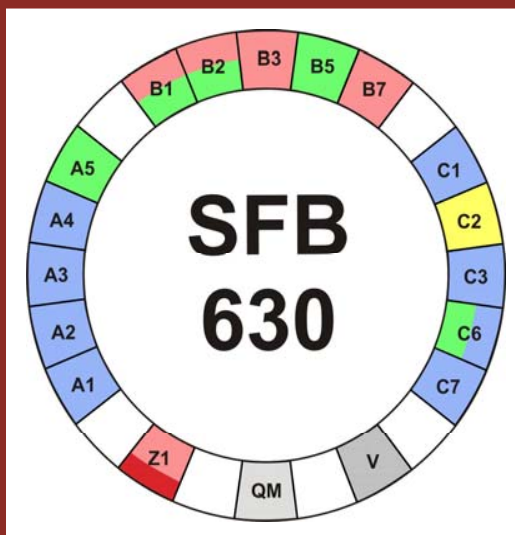


Registration: May 1 – July 31

<http://www.sfb630-is2009.de>



Please address general questions to:

PD Dr. Heike Bruhn

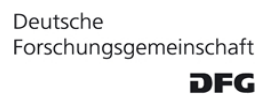
SFB 630 - Qualitätsmanagement
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Universität Würzburg
Röntgenring 11
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ACKNOWLEDGEMENT:



LOCATION:

Universität Würzburg
Biozentrum
Hörsaal A101
Am Hubland
D-97074 Würzburg

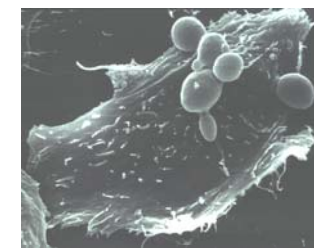
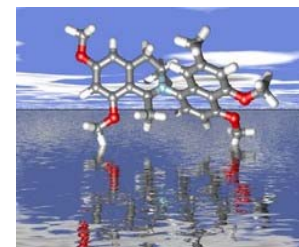


SFB 630: RECOGNITION,
PREPARATION, AND FUNCTIONAL
ANALYSIS OF AGENTS AGAINST
INFECTIOUS DISEASES

2nd International Symposium

Novel Agents against
Infectious Diseases
- An Interdisciplinary Approach -

Würzburg, October 7-10, 2009



Organizers:

GERHARD BRINGMANN (SPEAKER OF SFB 630),
ULRIKE HOLZGRABE (VICE SPEAKER OF SFB 630),
HEIKE BRUHN, MATTHIAS UNGER, ANGELA DREHER,
UTE HENTSCHEL, KNUT OHLSEN, CARINA RIKANOVIC,
TANJA SCHIRMEISTER, UTA SCHURIGT, CHRISTOPH SOTRIFFER

AIM OF SYMPOSIUM:

Fighting against infectious diseases is, even in the 21st century, still an important issue, and becomes even more urgent due to faster emergence of pathogens, their rapid spread by modern traffic systems and the dramatic increase of resistances. Efficient drugs are especially needed for tropical diseases, for which only insufficient therapies exist. Hence, the development of novel agents with novel modes of action is of pivotal importance for public health.

To meet this challenge, the Collaborative Research Center SFB 630 presents an interdisciplinary platform of 17 research groups for the identification of novel agents against infective pathogens, to characterize their modes of action and to optimize their efficiency. Our here announced Second International Symposium is aimed to bring together the leading scientists of all the fields involved in this interdisciplinary research, from Analytical and Synthetic Organic Chemistry, Pharmacy, Microbiology, Parasitology, Physical Chemistry, to Theoretical Chemistry, Bioinformatics and Physics to discuss the latest developments and to offer the opportunity to intensify or initiate cooperations.

We heartily welcome all interested scientists to contribute their innovative ideas and to enjoy the stimulating atmosphere based on the common goal of all participants.

SESSIONS:

Medicinal Chemistry
Natural Products Chemistry
Parasitology
Microbiology
Spectroscopy
Structural Biology
Theoretical Chemistry / Bioinformatics

CONFIRMED SPEAKERS:

Katja Becker, Gießen

Redox-based antimalarial drug development – an update

Michael Blackman, London

Protease drug targets in host cell invasion and egress by the malaria parasite

Heike Broetz-Oesterhelt, Wuppertal

Postgenomic strategies towards novel antibacterial agents

Reto Brun, Basel

Titel pending

Julian Davies, Vancouver

The chemical biology of antibiotics

Elke Dittmann, Berlin

Biosynthetic repertoire in cyanobacterial peptide assembly - biotechnological perspective

Holger Gohlke, Düsseldorf

Selectivity determinants of ribosomal antibiotic binding sites

Rolf Hilgenfeld, Lübeck

Cysteine proteases from RNA viruses and protozoa: structure-assisted discovery of new anti-infectives

Roderick Hubbard, York

Recent experiences in fragment and structure based drug discovery

Gabriele König, Bonn

Novel bacterial sources for antibiotics

Hans-Georg Kräusslich, Heidelberg

HIV assembly and its inhibition

Latest program:
<http://www.sfb630-is2009.de>

Jordi Mestres, Barcelona

Titel pending

Gabriele Pradel, Würzburg

Molecular basics for malaria transmission blocking strategies

Alicia Ponte-Sucré, Caracas

Leishmaniasis, efforts for an effective chemotherapy

Jürgen Popp, Jena

Pathogen detection and identification by spectroscopic methods

Wolf D. Splettstößer, München

Bioterrorism and infectious diseases related to BW agents: current concepts & future trends in prophylaxis and treatment

Peter Staib, Jena

Gene expression profiling and gene targeting in human pathogenic dermatophytes

Michael Steinert, Braunschweig

New drug targets in *Legionella pneumophila*

Roderich Süßmuth, Berlin

Screening for new natural products - what we learn from nature!

Serge Van Calenbergh, Gent

Synthetic efforts to improve the antimalarial activity of fosmidomycin

Wilma Ziebuhr, Belfast

Biofilm-forming *Staphylococcus epidermidis*: clinical impact, molecular epidemiology and genome flexibility