

Symposium Chair

Prof. Dr. Rainer Haag (Symposium Chair)

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Venue

Zuse-Institute Berlin
Takustr. 7, 14195 Berlin, Germany

Accommodation

Seminaris CampusHotel
Science & Conference Center
Takustr. 39, 14195 Berlin, Germany
Phone ++49 30 557797-0
Email berlin@seminaris.de

<http://www.seminaris.de/berlin>



Seminaris CampusHotel Berlin (www.seminaris.de/berlin)

Local Organization

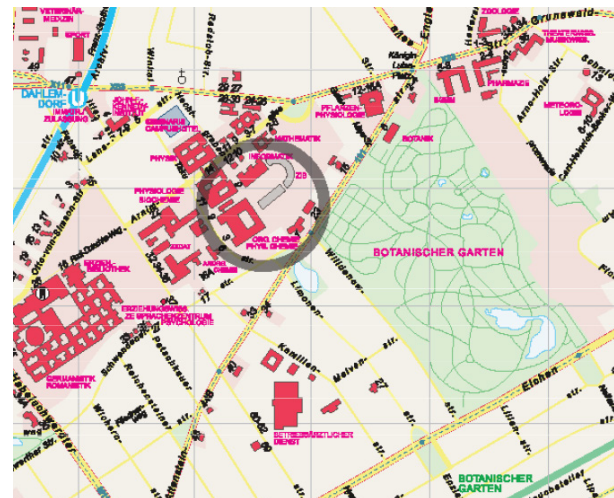
Dr. Wiebke Fischer (SFB765 Coordinator)

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Registration and Abstract Submission: www.sfb765.de

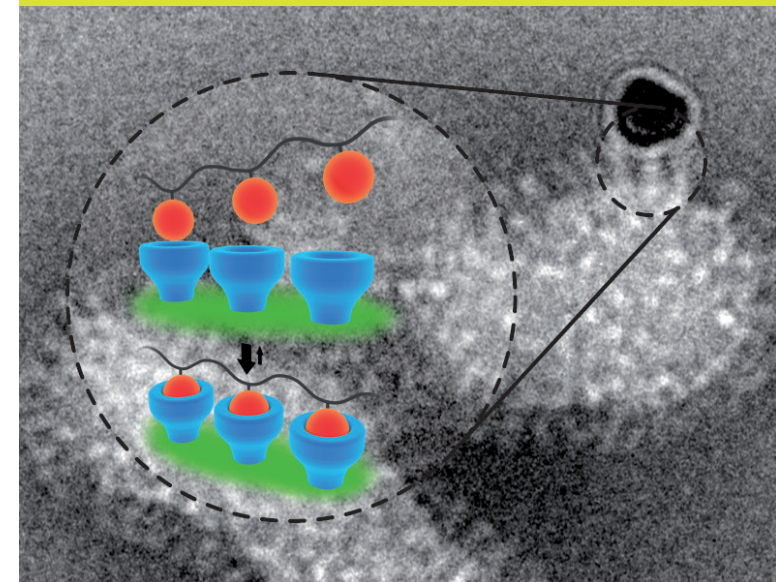


Flyer: Dr. Wiebke Fischer, FUB

4. International Symposium of the Collaborative Research Center SFB 765

“Multivalent Interactions of
Pathogens with Biological Surfaces”

PROGRAM | October 4-6, 2017



4th International Symposium on Multivalency

“Multivalent Interactions of Pathogens with Biological Surfaces”

On behalf of the organizing committee, I cordially invite you to our 4th International Symposium on Multivalency “Multivalent Interactions of Pathogens at Biological Surfaces” which will take place October 4-6, 2017 at the Freie Universität Berlin, Germany.


This symposium is part of our Collaborative Research Center SFB 765 “Multivalency as chemical organization and action principle: new architectures, functions and applications” (www.sfb765.de) with a major focus multivalent interactions of pathogens with biological surfaces. We offer several exciting plenary and invited lectures on multivalency-driven architectures, functions and action principles from different research fields for inspiration and discussion of future projects. Additionally, the SFB will present its collaborative projects, and review the results from the last two funding periods until now (2008-2016)

The Freie Universität Berlin as one of the German Excellence Universities will serve as a prominent historical location on the campus in Dahlem with a high density of scientific activities and industrial collaborations in various research areas.

In detail, the symposium covers three major research aspects from biophysics, chemical biology, microbiology and nanoscience including:

1. Multivalent Interactions at Cell Surfaces and inside Cells
2. Multivalent Nanosystems for the Inhibition of Pathogens
3. Experimental and Theoretical Methods to Study Multivalency

I am looking forward to welcome you in Berlin.



Prof. Dr. Rainer Haag
Chair of Macromolecular Chemistry
Spokesperson of the SFB 765



Zuse-Institute Berlin, venue of the symposium 2017 (www.zib.de)

Organizing Committee

Wiebke Fischer | Freie Universität Berlin
Rainer Haag | Freie Universität Berlin
Andreas Herrmann | Humboldt-Universität Berlin
Beate Paulus | Freie Universität Berlin
Christoph Schalley | Freie Universität Berlin
Oliver Seitz | Humboldt-Universität Berlin

Poster Session

A poster session will be organized. The best poster presentation will be awarded.

Registration

Registration will start early May, 2017

Please visit www.sfb765.de/4INSY

Deadline

Deadline for pre-registration and application for short talks: May 31, 2017

Deadline for poster abstracts and flash presentations: July 31, 2017

The symposium is free of charge and will be supported by funding from the DFG within the collaborative research center SFB 765.

The symposium is limited to 150 participants.

Invited Speakers

John Briggs | EMBL, MRC
High-resolution Structures of Virus-Cell-Interactions

Luc Brunsveld | University of Twente
Multivalent Self-assembled Architectures

Beat Fierz | EPFL Lausanne
Chromatin Dynamics with Semi-Synthetic Proteins

Matt Francis | UC Berkeley
Multivalent Virus-like Particles

Jurriaan Huskens | University of Eindhoven
Supramolecular Multivalent Nanosystems

Jørgen Kjems | Interdisciplinary Nanoscience Center (iNANO)
and Department of Molecular Biology and Genetics
Multivalent Nanosystems based on DNA

Sebastian Lecommodoux | Bordeaux-INP, ENSCBP
Multivalent Micelles and Polymersomes

Wolfgang Parak | Philipps Universität Marburg
Bio-Nanoparticles with defined Valency

Virgil Percec | University of Pennsylvania
Multivalent Supramolecular Assemblies

Speakers from the SFB 765

Helge Ewers | Freie Universität Berlin
Multivalent Virals Adhesion and Uptake

Christian P. Hackenberger | Leibniz-Institut für Molekulare
Pharmakologie und Humboldt-Universität Berlin
Biomimicry of Multivalent Nanosystems

Bettina Keller | Freie Universität Berlin
Modelling of Oligovalent Interactions

Beate Kosch | Freie Universität Berlin
Multivalent Peptide Scaffolds

Thorsten Wolff | Robert Koch-Institut Berlin
Multivalent Influenza Inhibitors