

Collaborative Research Center 1112 and Integrated Research Training Group "Nanocarriers"

Current Developments of SFB 1112

On May 8, 2014, the **3rd General Assembly** of SFB 1112 convened with 'full house' attendance and discussed the current status of each project. Future direction and strategies of the SFB were developed, centering on new scientific cooperations and increased internationality.

Prof. Jörg Rademann, Pharmaceutical/Medicinal Chemistry, FU Berlin, and glyco biologist **Dr. Chakkumkal Anish**, Max Planck Institute Golm, are both interested to join with their expertise in carbohydrate-based nanocarriers. Preliminary work with SFB 1112 is planned.

The SFB 1112-associated **Junior Professorship "Chemical Nanopharmaceutics"** at the Department of Biology, Chemistry, and Pharmacy, FU Berlin, is currently advertised.

Cooperation with SFB 1066: Prof. Alexiev (B03) presented her recent results on fluorescence spectroscopy at the SFB 1066 Mini Symposium on May 16, 2014 at Johannes Gutenberg-University Mainz.

New Lab for Stimulated Raman Spectroscopy (SRS)

The DFG-funded new Raman laser system and optical microscope were delivered for project B02 (Prof. Rühl). The SRS lab in Takustr. 3 is currently in progress, allowing significantly enhanced sensitivity for the detection of drugs and nanocarriers in biological samples.

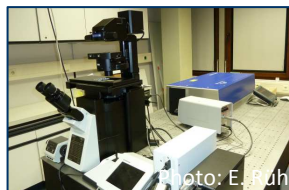


Photo: E. Rühl

Visiting Scientist

SFB 1112 welcomes the biochemist **Dr. Kishore Golla** from the University of Hyderabad/India. He is spending two months with project C02 (Prof. Schäfer-Korting, Dr. Kuchler) and presented his research on protein nanoparticle-based drug delivery at the SFB Colloquium on May, 8 2014.

IRTG "Nanocarriers"

The **student representatives** for the IRTG Board were elected on May 8, 2014: **M. Unbehauen** (A02), **K. Yamamoto** (B02), and **M. Radbruch** (C03). They are currently active in organizing the upcoming Student Symposium planned for fall 2014.



Photo: E. Rühl

'Full House' and intense discussions at SFB classes

Upcoming events:

SFB Disciplinary Forum: B

July 10, 2014

Dept. of Dermatology,
Charité Campus Mitte,
Edmund-Lesser-Haus,
Luisenstr. 2, Floor 2,
Room 02095

SFB Block Seminar:

**Skin Pharmacology – Drugs
used for the Treatment of
Skin Diseases**

July 11, 2014

Inst. of Pharmacy, Königin-
Luise-Str. 2+4, Lecture Hall

SFB Block Seminar:

**Detection of Nanoparticles
in Tissues and Organs**

July 15, 2014

Inst. of Veterinary Pathology,
FU Campus Döppel,
Room tba

SFB Colloquium:

**Speakers: Prof. Dr. Parak,
Dr. Lohan and PD Dr. Meinke**

July 17, 2014

Takustr. 3, Lecture Hall

SFB Disciplinary Forum: A

August 19, 2014

Inst. of Chemistry and
Biochemistry, Takustraße 3,
details tba

SFB Compact Class:

Skin Barrier

August 21+22, 2014

Clinical Research Center for
Hair and Skin Science,
Charité Campus Mitte,
Seminar Room, Floor 6

New SFB Review-Article:

**Utilization of biodegradable
polymeric materials as delivery
agents in dermatology. Rancan F,
Blume-Peytavi U, Vogt A 2014. Clin
Cosmet Investig Dermatol 7: 23-34**

Prof. Dr. E. Rühl (Speaker), Dr. R. Hirschberg (Scientific Coordinator)

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