

TOPICS

NanoBEL – Biological Elimination of complex nanoparticle formulations – Safety and Toxicity

Emphasis will be put on:

Nanoparticles for diagnostics in medicine

Magnetic particle preparation, characterization and imaging

Interactions between nanoparticles and cellular barriers

Advanced understanding of molecular toxicological mechanisms

Safety testing and risk assessment of nanoparticles

Structure-toxicity relationships of nanoparticles

Development and validation of alternatives for animal models in nanoparticle development

The conference will aim on bringing together experts from different disciplines to discuss the progress in the field and stimulate more collaborative efforts.

ORGANIZING COMMITTEE

Dr. Dana Cialla-May
Dr. Joachim Clement
Prof. Dagmar Fischer
Prof. Ingrid Hilger

PROGRAM

Tuesday, March 06, 2018

19.00 Welcome Evening

Wednesday, March 07, 2018

Session 1

09:30 Welcome address

Prof. Dr. Th. Heinzel, Vice President FSU

09:45 Prof. Dr. Urs Häfeli (Vancouver)

Key note lecture

10:30 Presentations NanoBEL

C Grüttner: MNP synthesis

HD Kurland: Synthesis of Silica-Ferrite-NP

D Cialla-May: Characterization of MNP

D Fischer: Simulations of the degradation of MNP in biological fluids

12:10 *Lunch & Poster Session*

Session 2

13:15 Presentations NanoBEL

J Clement: MNP degradation in in vitro models

M Bauer/R Claus: Degradation of MNP in sepsis animal models

I Hilger: Degradation of MNP in cancer and local Inflammation mouse models

D Kralisch: Process evaluation

14:55 Dr. Dana Kühnel (Leipzig)

Invited talk

15:30 Closing remarks

15:45 End of Workshop

REGISTRATION

Registration should be made via e-mail

joachim.clement@med.uni-jena.de

Registration deadline: Friday, March 02, 2018

Members of the NanoBEL consortium have to register, too.

There are no conference fees

CALL FOR POSTERS

Scientific contributions can be submitted as posters DIN A0.

Deadline: Friday, March 02, 2018
(or as long as free poster space is available)

Members of the NanoBEL consortium are strongly encouraged to present their work.

CONTACT

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VENUE AND ACCOMODATION

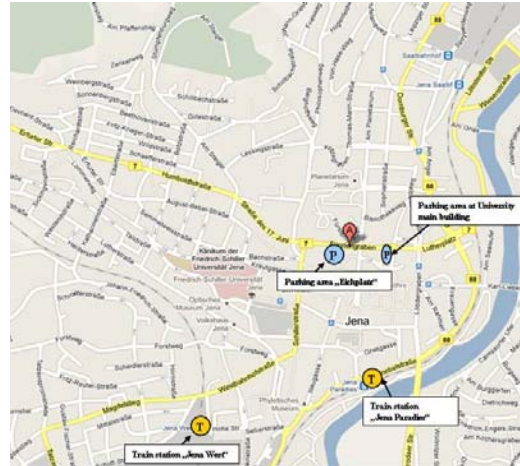
Travelling to Jena

Small airports close to Jena are in Erfurt (70 km), Altenburg (75 km) and Leipzig (100 km). International Airports are located in Berlin (260 km), Frankfurt/Main (310 km) and Munich (360 km).

Jena is serviced by 2 stations, namely Jena Paradies and Jena West. Both stations are within walking distance to the centre of the town and the Rosensäle. The highways servicing Jena are the A 4 (east-west) and the A 9 (north-south).

A list of accommodations can be found at <https://buchen.thueringen-tourismus.de/jna/ukv>

Venue



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There are several **parking areas** near the Rosensäle in the city centre. The largest one is the parking area “Eichplatz” and “Neue Mitte”, about 5 minutes to walk to the Rosensäle.

Next to the University main building (Fürstengraben 1) is a smaller parking area, which is about 3 minutes away from the Rosensäle.

INVITATION

Biological elimination of complex nanoparticle formulations – Safety and Toxicity

2nd Workshop - NanoBEL -

**Rosensäle, Jena
Germany
March 06-07, 2018**

