

Agenda NanoToxClass Final Meeting

Date: Thursday, February 14th & Friday, February 15th 2019
Location: German Federal Institute for Risk Assessment (BfR)
 Max- Dohrn- Strasse 8-10
 10589 Berlin, Germany
Registration: https://www.bfr-akademie.de/english_int/nanotoxclass.html

Day 1: 14th February 2019

9:00	Registration
9:30	Opening of the meeting
	Welcome Prof. Dr. Reiner Wittkowski (Vice President, German Federal Institute for Risk Assessment, BfR, Germany)

Session 1: Nanomaterial Grouping- Introduction and Needs

9:45	Dr. Frank Herzberg (German Federal Institute for Risk Assessment, BfR, Germany)	A regulatory perspective
10:15	Dr. Joseph Brinkmann (Evonik Resource Efficiency GmbH, Germany)	An industry perspective
10:45	Dr. Andrea Haase (German Federal Institute for Risk Assessment, BfR, Germany)	NanoToxClass: A snapshot

Session 2: Invited External Talk

11:00	Prof. Roland Grafström (Karolinska Institute, Sweden)	New developments in toxicogenomics applications
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11:45	Lunch Break
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Session 3: Omics Approaches to support NM Grouping

12:45	Dr. Roland Hubaux (StratiCell, Belgium)	Transcriptomic studies of <i>in vivo</i> and <i>in vitro</i> samples to establish NM Grouping
13:15	Anne Bannuscher (German Federal Institute for Risk Assessment, BfR, Germany)	Metabolomic studies of <i>in vivo</i> and <i>in vitro</i> samples to establish NM Grouping
13:45	Dr. Peter Nollau (University Medical Centre Hamburg-Eppendorf, UKE, Germany)	Investigations of Signaling Pathways using SH2 Profiling
14:15	Isabel Kratochvil (Helmholtz Centre for Environmental Research, UFZ, Germany)	Integrative Analysis of Multi-Omics data to develop NM Grouping Strategies
14:45	General Discussion (involving all speakers)	

15:15	Coffee Break
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Session 4: Invited External Talk

15:45	Prof. Ulla Vogel (National Research Centre for the Working Environment, NRCWE, Denmark)	Omics as a tool for understanding NM toxicity and for AOP development
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Open Podium Discussion

16:30	How to integrate mechanistic data/ Omics data/ AOP concepts into NM grouping? Status Quo & Challenges	
18:00	End Day 1	

19:00	Conference Dinner
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Day 2: 15th February 2019

Session 5: Case Study TiO₂

9:00	Dr. Julie Laloy (University of Namur, Belgium)	Pulmonary toxicity of a TiO ₂ nanostructured aerosol in rat: a short-term inhalation study
9:30	Dr. Laurence Gatè (Institut National de Recherche et de Sécurité, INRS, France) - <i>Invited External Talk</i> -	Pulmonary toxicity of a TiO ₂ nanostructured aerosol in rat: a 4-week inhalation study
10:00	Dr. Tobias Stöger (Helmholtz Centre Munich, Germany) - <i>Invited External Talk</i> -	<i>In vivo</i> dose-response studies on TiO ₂ : The role of surface area and crystallinity
10:30	General Discussion (involving all speakers)	

10:45	Coffee Break
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Session 6: Invited External Talk

11:15	Dr. Lara Lamon (University Ca' Foscari Venice)	Grouping for Read Across of NM to predict <i>in vitro</i> genotoxicity: a case study on nano-TiO ₂
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12:00	Lunch Break
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Session 7: Case Study SiO ₂		
13:00	Dr. Bryan Hellack (Institute of Energy and Environmental Technology, IUTA, Germany)	NanoToxClass NM selection and physico-chemical Characterization
13:30	Prof. Rafi Korenstein (Tel Aviv University, Israel)	Cytotoxicity, Adsorption and Uptake
14:00	Dr. Sonia Fraga (ISPUP, Portugal)	Cytotoxicity and Genotoxicity
14:30	Aileen Bahl (German Federal Institute for Risk Assessment, BfR, Germany)	Bioinformatics Data Integration
15:00	General Discussion (involving all speakers)	
15:30	Concluding Remarks, Wrapping Up	
16:00	End of Meeting	

How to reach BfR?

Further details at: http://www.bfr.bund.de/en/location_jungfernheide-128551.html



Arrival by rail / public transport

We recommend that visitors view the latest connections at www.bahn.de or www.bvg.de. Destination stop: "Jungfernheide Bhf (S+U), Berlin" or "Jungfernheide Bhf (Berlin) (S+U)". To reach the institute buildings, take the exit in the direction of *Tegeler Weg*.

From the city centre: with the S-Bahn (urban railway) to *Westkreuz* and then onto the Ringbahn with S-Bahn Line 41. Or: from Bahnhof Friedrichstraße with U-Bahn Line 6 in the direction *Alt-Tegel* to *Wedding* and then onto the Ringbahn with the S42.

From Tegel airport: direct with Bus X9 in the direction *Zoologischer Garten* (10 minutes).

From Schönefeld airport: S9 to *Treptower Park* and then onto the Ringbahn with the S42. Or: S45 to *Südkreuz* and then onto the Ringbahn with the S41. Other option: Bus X7 or 171 in the direction of *Rudow*, then with U-Bahn Line 7. Each trip takes approx. 1 hour.

Possible hotels

Plenty of options exist.

1) You may choose a hotel near Berlin main station

(In city center, well connected via regional trains (RE), it is only one station from main station to Jungfernheide)

Motel One (single room approx. 80 €)

<http://www.motel-one.com/de/hotels/berlin/hotel-berlin-hauptbahnhof/>

2) You may choose a hotel at Mierendorffplatz

(Near to BfR, well connected, just one stop (U7), you may also walk to BfR, plan 15-20 min)

For instance: Econtel Hotel (single room approx. 68 €)

<http://www.amber-hotels.de/berlin-charlottenburg/>

Any other hotel as BfR is well connected via public transportation

Urban railway ("S-Bahn"): S41, S42/ Metro: U7/ Bus: 109 or X9