



SupraChem Lab Project Training

31.05.2017

“P. Poni” Institute of Macromolecular Chemistry, Iasi (PPIMC) Library

09:30 – 11:30 – Dr Nadine Wilhelm and Dr. Sylvia Wagner Fraunhofer-Institut für Biomedizinische Technik (IBMT), Germany

- Presentation about the Fraunhofer society (30 min)
- Presentation about the IBMT (30 min)
- In-vitro/ ex-vivo-Models at IBMT (30 min)
- History about the use of nanoparticles as drug delivery vehicle and syntheses of different nanoparticles (30 min)

11:30 – 11:45 – Coffee break

11:45 – 12:15 – Prof. Dr. Mihai Mares, University of Agricultural Sciences and Veterinary Medicine Iasi, Romania

Animal models in biomedical research - Do we really need them?

12:15 – 12:30 Discussion

01.06.2017

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10:00 – 11:45 – Dr Nadine Wilhelm and Dr. Sylvia Wagner Fraunhofer-Institut für Biomedizinische Technik (IBMT), Germany

Examples how we use the nanoparticles

- Example 1: NP for specific tumor therapy (15 min + discussion)
- Example 2: NP for a safe gene delivery (15 min + discussion)
- Example 3: NP for crossing the blood-brain barrier (15 min + discussion)
- Example 4: NP for the treatment of Alzheimer's disease (15 min + discussion)

11:45 – 12:15 – Prof. dr. Lucian Mihail Birsa, Al. I. Cuza University Iasi, Romania

Biologically active sulfur containing compounds

12:15 – 12:30 – Discussion



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