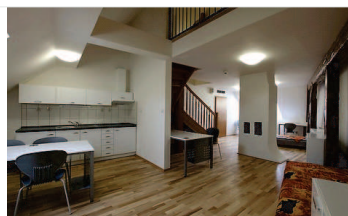




## 10<sup>th</sup> International Conference – Drug Delivery Systems: Nanotechnology for Healthcare

28<sup>st</sup> to 31<sup>th</sup> May 2017 ■ Masaryk University Conference Centre ■ Jesuit College ■ Telč ■ Czech Republic

### CONFERENCE VENUE



### ORGANISING COMMITTEE AND SELECTED SPEAKERS

- |  |   |  |
|--|---|--|
| ■ <b>Chairman:</b> Jaroslav Turanek (VRI, Brno, CZ)        | ■ Daniel Ruzek (VRI, Brno, CZ)  | ■ Pavel Hozak (BIOCEV, Prague, CZ)                     |
| ■ Milan Raska (University of Palacky, Olomouc, CZ)         | ■ Nigel Temperton (Medway School of Pharmacy, University of Kent, Gillingham, UK) | ■ Jeff Ulmer (GSK, USA)                                |
| ■ Jiri Mestecky (University of Alabama at Birmingham, USA) | ■ Daniel Scherman (René Descartes Institute, Paris, France)                       | ■ Pavel Plevka (CEITEC, Masaryk University, Brno, CZ)  |
| ■ Andrew D. Miller (King's College, London, UK)            |   | ■ Jan Novak (University of Alabama at Birmingham, USA) |

### AIMS OF THE CONFERENCE

The conference is focused on modern approaches to development of recombinant vaccines and immunotherapeutics based on biocompatible nanomaterials.

Application of advanced technologies and methods like AFM, confocal and electron microscopy, nanofluidisation, in vivo imaging, Field flow fractionation is a driving force prodding the progress into the field of modern vaccinology and immunotherapy. Combination of sophisticated RNA/DNA constructs with multifunctional nanocarriers opens the door for future safe and personalised medicine. The conference is intended for scientists who like multidisciplinary approach and intensive personal interaction with others having similar nature. New scientific consortia can be formed during the conference to prepare and apply new project for EU programmes. Young scientist, PhD students and postdocs are welcome to participate and get survey of the field of drug delivery systems and modern methods & technologies behind.

- Preparation of multifunctional nanoparticles and advanced methods for their characterisation
- RNA/DNA based vaccines and immunotherapeutics
- Recombinant antigens, molecular adjuvants and nanocarriers for construction of vaccines
- Advanced methods for complex characterisation of nanoparticles and their interaction with biological systems in vitro and in vivo (physical-chemical methods: FFF, MALS, DLS; microscopic methods: AFM, confocal microscopy, electron microscopy; in vivo imaging: MRI, SECT/PET/μCT, ultrasound and optoacoustic imaging)
- Clinical and preclinical testing of new recombinant vaccines and immunotherapeutics, animal model for preclinical testing

### SOCIAL EVENTS

- **Tuesday:** Concert of Classical Music – Prof. Karel Plocek and Stamic String Quartet with Guest Prof. A. D. Miller (Oboe)



### REGISTRATION and ACCOMMODATION

- **Fee €150 (CZK 4000)** includes lunch, breakfast and coffee breaks, two gala dinners
- **Number of participants is limited to 100**
- **Registration** will be open from January 2017 at [www.vri.cz/dds](http://www.vri.cz/dds) or **contact Dr. Turanek** (+420 732 813 577, [turanek@vri.cz](mailto:turanek@vri.cz))
- **Accommodation:** Jarmila Svobodová, Phone: +420 549 498 182, [svobodova@rect.muni.cz](mailto:svobodova@rect.muni.cz), Jesuit College, University Centre Telc  
Accommodation: € 9 (CZK 250) per person and night in Jesuit College Hotel or private: 300 – 900 CZK per person/night (10 – 30 Euro)  
[www.booking.com/Telc-Hotels?](http://www.booking.com/Telc-Hotels?)  
Luxury accommodation with an excellent golf resort can be booked in Siskuv Mlyn (Siska's Mill) 3.8 km from Telc. [www.siskuvmlyn.cz](http://www.siskuvmlyn.cz)