

**CANCER IMMUNOTHERAPY WORSKHOP**

Bellevue Park Hotel Riga, Slokas iela 1, Riga, Latvia

The **RIGA** Conference Hall

**22 – 23 November 2018**

**AGENDA**

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| **Thursday, 22 November 2018** | |
| 08.30 - 09.20 | ***Registration*** |
| 09.20 - 09.50 | ***Welcome and Opening***  **Agrita Kiopa,** Vice Rector, Rīga Stradiņš University, Riga, Latvia  **Presentation of RSU Research Potential, perspectives and valences for International Research Cooperation** |
| 09.50 - 10.00 | **Maria Issagouliantis**, Project coordinator, Rīga Stradiņš University, Riga, Latvia  **Short presentation of *VACTRAIN* project** |
| 10.00 - 10.30 | ***Coffee break*** |
| 10.30 - 11.00 | **Francesca Chiodi**, Karolinska Institutet, Stockholm, Sweden  *Team profile presentation -* **Impairment of B Cell functions and HBV vaccination in HIV infected children** |
| 11.00 - 11.30 | **Stefan Petkov**, Karolinska Institutet, Stockholm, Sweden  *Expert report* **-** **Phenotypic analysis of CD4+ T Cells in DNA Immunized mice**. |
| 11.30-11.45 | **Alisa Kurlanda**, Rīga Stradiņš University, Riga, Latvia  *Trainee report* **-** **DNA immunization of mice with human telomerase reverse transcriptase, assessment of immune response by fluorospot and in vivo imaging technique** |
| 11.45 - 12.00 | **Laura Hippe**, Rīga Stradiņš University, Latvia  *Trainee report* **-** **Assessment of Immune response in DNA immunized mice by flow cytometry, example of TERT**. |
| 12.00 - 13.00 | ***Lunch*** |
| 13.00-13.30 | **Maria Issagouliantis,** Rīga Stradiņš University, Latvia, and Karolinska Institutet, Stockholm, Sweden  *Team profile presentation -* **Tumor models of chronic viral infection in mice** |
| 13.30-14.00 | **Juris Jansons**, Rīga Stradiņš University, and Biomedical Research and Study Center, Riga, Latvia  *Trainee report* **- Summary of trainings in DNA immunization, assessment of immune response, and tumor protection experiments** |
| 14.00-14.40 | **Dace Skrastiņa**, Rīga Stradiņš University, and Biomedical Research and Study Center, Riga, Latvia  *Trainee report* **-** **Ethics of experimental trials of cancer vaccines in small laboratory animals** |
| 14.40 - 15.00 | ***Coffee break*** |
| 15.00-15.20 | **Džeina Mežale,** Rīga Stradiņš University, Riga, Latvia  *Trainee report* - **Assessment of metastatic potential in murine models of human cancer** |
| 15.20-15.50 | **Birke Bartosch**, Department of Immunology, Virology, Cancer Research Center, UMR INSERM, Lyon, France  *Advisor lecture* **-** **Inflammation as promising therapeutic strategy for chronic liver disease and liver cancer** |
| 15.50-16.10 | **Birke Bartosch**, Cancer Institute, Lyon, France  **Assessment of VACTRAIN activities by project advisor** |
| 16.10-16.40 | **Arvydas Laurinavičius**, Department of Pathology, Forensic Medicine and Pharmacology, Vilnius University, Vilnius, Lithuania  *Invited lecture* **- Digital pathology analytics for biomarker assessment** |
| 16.40-17.00 | ***Slot for external presentation*** |
| 17.00-18.00 | Round-table discussion |
| 19.00 | ***Dinner for registered workshop participants***  ***“Fazenda”*** [***http://www.fazenda.lv/***](http://www.fazenda.lv/) ***Nometņu iela 7*** |

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| **Friday, 23 November 2018** | | |
| 09.00-09.30 | ***Registration*** | |
| 09.30-10.00 | **Helder A Santos**, Division of Pharmaceutical Chemistry and Technology, University of Helsinki, Finland  *Invited lecture* **- Biohybrid nanovaccines for improved treatment of aggressive melanoma** | |
| 10.00-10.30 | **Olesja Bondarenko**, National Institute of Chemical Physics and Biophysics, Tallinn, Estonia  *Invited lecture* **- Cellular uptake and toxity of nanomaterials depends on their size and surface charge and polarization status on macrophages** | |
| 10.30 - 11.100 | ***Coffee break*** | |
| 11.00-11.30 | **Maksim Ionov**, Department of Biophysics, University of Lodz, Lodz, Poland  *Team profile presentation* **-** **Dendrimers as carrier molecules for *in vivo* delivery of biopharmaceuticals** | |
| 11.30-11.45 | **Anita Bērziņa,** Rīga Stradiņš University, Latvia  *Trainee report -* **Dendrimers for delivery of plasmid DNA into the cells** | |
| 11.45-12.00 | **Ilze Fridrihsone**, Rīga Stradiņš University, Riga, Latvia  *Trainee report -* **Dendrimers for delivery of plasmid DNA *in vivo*** | |
| 12.00-12.15 | **Sylwia Michlewska**, Department of Biophysics, University of Lodz, Lodz, Poland  *Trainee report -* **Ruthenium dendrimers for controlled delivery and imaging in anticancer therapy** | |
| 12.20 - 13.30 | ***Lunch*** | |
| 13.30-14.10 | **Franco Buonaguro**, Unit of Molecular Biology and Viral Oncology, Dpt Translational Research, National Institute of Oncology, IRCCS Fondazione G. Pascale, Naples, Italy  *Invited lecture* **- Peptides as therapeutic vaccines** | |
| 14.10 - 14.40 | | **Elena Kashuba**, Kavetsky Institute of Experimental Pathology, Oncology and Radiology of Academy of Sciences of Ukraine, Kyiv  *Team profile presentation –* **Mitohondral ribosomal protein S18-2 as a new target for anticancer therapy** |
| 14.40-15.00 | | **Larysa Kovalevska,** Kavetsky Institute of Experimental Pathology, Oncology and Radiology, Kyiv  *Training report* – **KIEPOR activities within *VACTRAIN*** |
| 15.00-15.30 | | ***Coffee break*** |
| 15.30-16.00 | | **Manuel Patarroyo**, Prof Karolinska Institutet, Stockholm, Sweden  *Advisor lecture* **-** **Laminins in tumor cell migration and invasiveness, point for intervention** |
| 16.00-16.20 | **Manuel Patarroyo**, Karolinska Institutet, Stockholm, Sweden  **Assessment of VACTRAIN activities by project advisor** | |
| 16.20-16.40 | **Valdis Pirsko,** Rīga Stradiņš University, Riga, Latvia  *Expert report* **-** **The impact of prolonged mild hypoxia on markers of genetic instability in breast cancer cell lines MDA-MB-231, MDA-MB-436 and SK-BR*-*3** | |
| 16.40-17.00 | ***Slot for external presentation*** | |
| 17:00 | **Closing of the Workshop** | |