

## Second Slovenian Bacteriophage Meeting Program

9:30-9:40	<b>Welcome by organizers</b>
9:40-10:30	<b>Keynote lecture by Rob Lavigne</b> <i>Lab. of Gene Technology, Catholic University of Leuven</i>
<b>Coffee break 10:30-11:00</b>	
<b>11:00-12:20</b>	<b>Session 1: Phage ecology and genomics</b> <span style="float: right;"><i>chaired by Tomaž Accetto</i></span>
11:00-11:20	<b>Aljoša Beber:</b> First insight into bacteriophages of <i>Xanthomonas campestris</i> pv. <i>campestris</i> in Slovenia <i>Plant protection Dep., Institute of Agriculture, Slovenia</i>
11:20-11:40	<b>Polonca Štefanič:</b> Prophage-like elements in <i>Bacillus subtilis</i> from global and local geographical scales <i>Dep. of Microbiology, Biotechnical Faculty, University of Ljubljana</i>
11:40-12:00	<b>Nejc Stopnišek:</b> Diversity, host-range, and temporal stability of gut prophages <i>Dep. for Microbiological Research, Centre for Medical Microbiology, National laboratory of health, environment and food, Maribor</i> <i>Dep. of Microbiology, Faculty of Medicine, University of Maribor</i>
12:00-12:20	<b>Virginie Grosboillot:</b> Using synphage to analyse and compare <i>Bacillus subtilis</i> prophage genomes <i>Dep. of Microbiology, Biotechnical Faculty, University of Ljubljana</i>
<b>Lunch break 12:20-13:20</b>	
<b>13:20 – 14:25</b>	<b>Session 2: Phage-host interactions</b> <span style="float: right;"><i>chaired by Nina Vesel</i></span>
13:20-13:40	<b>Ana Lisac:</b> Induction of incomplete lytic cycle for <i>E. coli</i> – T4 pair by bacterial starvation <i>Dep. for Chemical Engineering and Chemical safety, Faculty of Chemistry and Chemical Technology, University of Ljubljana</i>
13:40-14:00	<b>Matej Butala:</b> The genetic switch of tectivirus GIL01 <i>Dep. of Biology, Biotechnical Faculty, University of Ljubljana</i>
14:00-14:20	<b>Jaka Jakin Lazar:</b> Investigating new role of phage-encoded bacteriocin, sublancin, in phage and host fitness <i>Dep. of Microbiology, Biotechnical Faculty, University of Ljubljana</i>
14:20-14:25	<b>Špela Blaznik:</b> Evaluating the role of <i>Staphylococcus capitis</i> physiology in bacteriophage K growth and efficiency
Flash talk	<i>Dep. for Chemical Engineering and Chemical safety, Faculty of Chemistry and Chemical Technology, University of Ljubljana</i>
<b>Coffee break 14:25-15:00</b>	
<b>15:00 – 16:30</b>	<b>Session 3: Phage applications</b> <span style="float: right;"><i>chaired by Aleš Podgornik</i></span>
15:00-15:20	<b>Katja Molan:</b> Antibacterial surfaces using bacteriophages: a proof-of-concept <i>Faculty of Health Sciences, University of Novo mesto</i> <i>Dep. of Microbiology, Biotechnical Faculty, University of Ljubljana</i> <i>Institute of Metals and Technology University of Ljubljana</i>
15:20-15:40	<b>Andrej Cör:</b> Melanoma immunotherapy using engineered bacteriophage vaccines <i>Valdoltra Orthopaedic Hospital</i>
15:40-16:00	<b>Tomaž Kasunič, Gašper Dokl:</b> Bacteriophage production for various application from R&D to the commercial scale <i>Jafra</i>
16:00-16:20	<b>Martina Durcik:</b> From phage isolation and <i>in vivo</i> testing to phage therapy for patients in special clinical need <i>Cobik</i>
16:20-16:25	<b>Ana Zupančič:</b> Autoantibody neutralisation in autoimmune disease using short peptides
Flash talk	<i>Dep. of Pharmaceutical Biology, Faculty of Pharmacy, University of Ljubljana</i>
16:25-16:30	<b>Klemen Gnidovec:</b> Subunit antigen-decorated filamentous bacteriophages as a modular vaccine platform
Flash talk	<i>Dep. of Pharmaceutical Biology, Faculty of Pharmacy, University of Ljubljana</i>
<b>Coffee break 16:30-17:00</b>	
<b>17:00-17:45</b>	<b>Session 4: Pro and antiviral approaches</b> <span style="float: right;"><i>chaired by Hannah Bonham</i></span>
17:00-17:20	<b>Ažbe Žnidaršič:</b> Host cell impurity reduction in bacteriophage samples using CIMmultus® monolithic technology <i>Sartorius BIA Separations</i>
17:20-17:40	<b>Arijana Filipič:</b> Novel SuperPlasma technology for inactivation of viruses in water <i>Dep. for biotechnology and systems biology, National Institute of Biology Ljubljana</i>
17:40-17:45	<b>Saša Kaloper:</b> Colloidal formulations of polysaccharide/phenol-based antiviral coatings for pandemic control
Flash talk	<i>Lab. for Characterization and Processing of Polymers, Faculty of Mechanical Engineering, University of Maribor</i>
<b>Closing by organizers</b> <b>Snacks and drinks until 19:30</b>	