

Day	Time	Session
Tuesday 29/10/19	10:15	Welcome
	10:20 – 13:00	Session 1: Genomes and Plasmids
	10:20	<i>Silvia Ardissonne (UNIL/CHUV, Greub Lab):</i> Waddlia chondrophila plasmid: a genetic tool to understand the biology of Chlamydia-related bacteria
	10:40	<i>Fabien Labroussaa (UNIBE, Jores Lab) :</i> Synthetic genomics applied to Mycoplasmas: what's new in Switzerland?
	11:00	<i>Floriane Lamay (UNIGE/HUG, François/Schrenzel Lab):</i> Role of prophages in virulence and host tropism of Staphylococcus aureus strains belonging to the clonal complex 398
	11:20	<i>Jonathan Venetz (ETHZ, Christen Lab):</i> Chemical synthesis rewriting of a bacterial genome to achieve design flexibility and biological functionality
	11:40	<i>Vincent de Bakker (UNIL, Veening Lab):</i> pneumomics: systems biology of pathogenic phenotypes
	12:00	<i>Nicolas Carraro (UNIL, van der Meer Lab):</i> Dissecting the bistable switch controlling transfer competence development of the integrative and conjugative element ICElc in Pseudomonas
	12:20 – 14:00	Sandwich Lunch
	14:00 – 15:40	Session 2: Drugs and bugs
	14:00	<i>Jordan Costafrolaz (UNIGE, Viollier Lab):</i> Caulobacter crescentus pumps it!
	14:20	<i>Michael Rust (ETHZ, Piel Lab):</i> A multi-producer microbiome generates natural product diversity in the marine sponge Mycale hentscheli
	14:40	<i>Vesel Nina (EPFL, Blokesch Lab):</i> Contribution of natural competence to antimicrobial resistance in Acinetobacter baumannii
	15:00	<i>Birgitta Lehtinen (ETHZ, Vorholt Lab):</i> Vitamin auxotrophy in Arabidopsis thaliana leaf microbiota
	15:20	<i>Abhishek Anand (UNIFR, Weisskopf Lab):</i> Hydrogen cyanide: a poison or a signaling molecule
	15:40 – 16:20	Coffee Break
	16:20 – 18:00	Session 3(R): Regulation, regulation and regulation
	16:20	<i>Margo Corrine van Berkum (UNIBAS, Jenal Lab):</i> Role of global regulator Cra in bacterial adaptation strategies
	16:40	<i>Arnau Domenech Pena (UNIL, Veening Lab):</i> Role of Teichoic acids during competence in Streptococcus pneumoniae
	17:00	<i>Lemos Rocha Leonardo (EPFL, Blokesch Lab):</i> Round Vibrio cholerae: Deciphering the link between a two-component system and cell shape
	17:20	<i>Melanie Hannebelle (EPFL, McKinney Lab):</i> Pole elongation in mycobacteria resembles biphasic “new end take off” (NETO) dynamics in fission yeast
	17:40	<i>Nicolas Kint (UNIGE, Viollier Lab):</i> Diving into the unknown of flagellum secretion and translation control in Caulobacter
	18:00– 18:15	Short Break

	18:15 – 19:00	Keynote – Prof. Kristina Jonas (Stockholm University, Sweden) <i>Environmental control of bacterial cell cycle decisions</i>
	19:00 – 21:00	Apéro & Light Dinner

Wednesday 30/10/19	10:00 – 12:00	Session 4: Emerging concepts & technologies
	10:00	<i>Mariëlle van Kooten (ETHZ, Christen Lab): Coverage shape analysis of a recoded bacterial transcriptome infers global paradigms in genome biology</i>
	10:20	<i>Francesca Romana Cianfanelli (UNIBAS, Bumann Lab) : In vivo heterogeneity in host-pathogen encounters</i>
	10:40	<i>Vivek Thacker (EPFL, McKinney Lab): A lung-on-a-chip infection model for Tuberculosis reveals permissive and protective roles of Alveolar Epithelial Cells in early infection</i>
	11:00	<i>Ljiljana Mihajlovic (UNIL, Schärli Lab): Evolution of duplicated genes</i>
	11:20	<i>Edgars Lakis (ETHZ, Piel Lab): Exploring functions and applications of radical SAM spliceases</i>
	11:40	<i>Icvara Barbier (UNIL, Schärli Lab) Spatial pattern formation in morphogen gradients controlled by the toggle switch</i>
	12:00 – 13:40	Sandwich Lunch
	13:40 – 15:20	Session 5: Phages, MGEs & chromosomes
	13:40	<i>Jonathan Save (UNIL, Resch Lab): Controlling Staphylococcus aureus infection through phage therapy in a model of experimental endocarditis</i>
	14:00	<i>Roxane Moritz (UNIL, van der Meer Lab): Transient replication in specialized cells favors transfer of an integrative and conjugative element.</i>
	14:20	<i>Christian Röhrig (ETHZ, Loessner Lab): Effective killing of drug-resistant, intracellular Staphylococcus aureus by bacteriophage endolysins</i>
	14:40	<i>Roberto Jareth Vazquez Nunez (UNIL, Gruber Lab): Reshaping of the prokaryotic condensin arms by DNA binding</i>
	15:00	<i>Tiancong Chai (UNIL, Collier Lab): Spatial coupling between DNA mismatch repair and DNA replication in Caulobacter crescentus</i>
	15:20– 16:00	Coffee Break
	16:00 – 17:00	Session 6: From chromosomes to homeostasis
	17:00	<i>Florian Bock (UNIL, Gruber Lab): How to stick a landing: Guiding Smc via a physical interaction with ParB Joshua</i>
	17:20	<i>Armitano (UNIGE, Linder Lab): Magnesium homeostasis of Staphylococcus aureus</i>
	17:40	<i>Mout De Vrieze (UNIFR, Weisskopf Lab): Bacteria to the rescue: Potato-associated Pseudomonas and their biocontrol potential against late blight</i>
	18:00	Conclusion & Departure