

Day 1, Monday, June 13, 2022 (Carlsberg Academy)		Day 2, Tuesday, June 14, 2022 (Carlsberg Academy)		Day 3, Wednesday, June 15, 2022 (Carlsberg Academy)	
9:00-9:15	Welcome & opening remark Suckjoon Jun		Matthias Heinemann (20'+5) "From physiology to moving molecules?"		Tsutomu Katayama (20'+5); remote "Dynamic mechanisms constituting regulation for the replication initiator DnaA protein in <i>Escherichia coli</i> "
					Godefroid Charbon (12'+3) "Arresting chromosome replication upon energy starvation in <i>Escherichia coli</i> "
	Terry Hwa (20'+5)		Oleg Igoshin (12'+3) "Making cell-fate-decisions: lessons from <i>B. subtilis</i> "		Mareike Berger (12'+3) "Robust replication initiation from coupled homeostatic mechanisms"
9:15-10:30	Stefan Klumpp (12'+3)		Alicia Berkvens (12'+3)		Steen Pedersen (20'+5) "The genetic code, in addition to encode the amino acids, also encodes signals that modify gene expression by affecting mRNA half-life and premature transcription termination."
session chair: Suckjoon Jun	Severin Schink (12'+3) "Quantitative insights into bacterial starvation survival "		Seungeun Oh (20'+5) "Quantitative single-cell physiology of growth and size regulation using label-free microscopy"		
	Martin Lercher (12'+3) " Parsimonious allocation of <i>E. coli</i> dry mass governs the enzyme-substrate relationship"				
10:30-11:10	Tea/Coffee	10:25-11:00	Tea/Coffee	10:30-11:00	Tea/Coffee
	Nathalie Balaban (20'+5) "The Impact of the Disrupted Cellular State on Antibiotic Response"		Yuichi Wakamoto (20'+5) "Raman-omics correspondence reveals homeostatic core and stoichiometrically-balanced dynamical groups inside cells"		Teuta Pilizota (20'+5)
11:10-12:20	Rami Pugatch (12'+3)	11:00-12:25	Michael Sørensen (12'+3) "The degradation rate of ribosomes during stationary phase depends on the type of missing nutrient"	11:00-12:00	Claudia Igler (12'+3) "Control of phage lysis timing through host cell physiology"
session chair: Germán Rivas	Achilles Kapanidis (20'+5)	session chair: Kim Sneppen	Yusuke Himeoka (12'+3) "Emergence of growth and dormancy from a kinetic model of the <i>Escherichia coli</i> central carbon metabolism"		Hanne Ingmer (12'+3) "Transduction in shaping bacterial genomes"
		12:25-15:00	Group photo: Lunch and Poster Session 2/ Freeform pioneers session 2	12:00-14:00	Lunch
12:20-15:00	Lunch + Poster Session 1/ Freeform pioneers session 1		Søren Molin (20'+5) "Investigations of microbial physiology in adapting bacterial populations involved in airway infections"	14:00 - 15:25	Jens Nielsen (20'+5) Karin Mitosch (12'+3) "Isotope tracing reveals metabolic activities of <i>Salmonella</i> during intracellular infection"
15:00 - 16:20	Petra Levin (20'+5) Vahid Shahrezaei (12'+3) "Mechanisms of size control across growth conditions in <i>E. coli</i> and <i>Pombe</i> "	15:00 - 16:10	Sven van Teeffelen (12'+3) "Regulation of mass density in rod-shaped bacteria"	session chair: Frank Bruggeman	Einat Segev (12'+3) "Lag Phase Shortening in Bacteria"
session chair: Anna Ebbensgaard	Shila Banerjee (20'+5)	session chair: Namiko Mitarai	Gene-Wei Li (20'+5) "Predictability and Unpredictability of Expression-Fitness Relationships"		Roberto Kolter (20'+5); remote)
16:20-17:00	Tea/Coffee	16:10-16:40	Tea/Coffee	15:25-15:40	short break
	Tanneke den Blaauwen (20'+5) "Quantitative analysis of the timing of midcell localization of division proteins reveals specific roles for endopeptidases PBP4 and PBP7"		Susan Gottesman (20'+5) "Coming and Going: <i>E. coli</i> circuitry for adjusting to and recovering from stress"	15:40-16:50	Akos Kóvacs (20'+5) "Multi-species biofilm and the interaction within" Kathryn Turnbull (12'+3) "Structural and function studies of bacterial ABCF ribosome associated resistance factors"
17:00-18:10	Marco C Lagomarsino (12'+3) "Out-of-equilibrium behavior of microbial growth/division reveals basic regulatory mechanisms"	16:40-18:00	Thomas Julou (12'+3) "Growth-rate controls the sensitivity of gene regulatory circuits"	session chair: Arieh Zaritsky	Stephen Cooper (20'+5); remote)
session chair: Conrad Woldringh	Willie Donachie (20'+5); remote)		Morten Nørholm (12'+3)	16:50-17:00	Closing
19:00	Conference dinner for all participants, restaurant Carls Øl & Spisehus	18:00-20:00	Megan Bergkessel (12'+3) "Regulation of protein synthesis during growth arrest"		
			Late-night poster session -- the bar is open!		
		18:00-20:00	Pioneers session (format TBD): special on-site guests + Steven Cooper Willie Donachie Jim Friesen Phil Hanawalt Charles Helmstetter Roberto Kolter Elio Schaechter		