

Sunday, September 8, 2019			
14:00	Registration opens		
16:00-16:30	Opening ceremony		
16:30-17:30	Plenary Lecture 1: Rodolphe Barrangou Chair: Duccio Cavalieri		
17:30-18:30	Plenary Lecture 2: Edda Klipp Chair: Eriko Takano		
18:30-20:30	Welcome Reception		
Monday, September 9, 2019			
07:30	Registration opens		
9:00-10:00	Plenary Lecture 3: Rino Rappuoli Chair: TBD		
10:00-10:30	Coffee break & Exhibition		
10:30-12:30	Session 1	Session 2	Session 3
	Regulation of secondary metabolism	Microbial enzymes and applications	Microorganisms as drugs
Chairs	Gilles van Wezel - Nadine Ziemert	Marco Moracci - Jozef Anné	Emilia Ghelardi - Jan Maarten Van Dijl
Speakers	Evolutionary changes in the control of antibiotic production in marine actinobacteria <b>Paul Jensen</b>	The discovery story of recent transformative enzyme solutions from Novozymes <b>Martin Borchert</b>	<b>Jan Maarten Van Dijl</b>
	Small ncRNAs that control antibiotic production <b>Beatrix Süß</b>	Biotechnological processes with robust microbes and enzymes <b>Garabed Antranikian</b>	Staphylococcus lugdunensis as probiotic against nasal Staphylococcus aureus colonization <b>Bernhard Krismer</b>
	De novo identification of regulatory networks and applications for natural product discovery <b>Sebastien Rigali</b>	Thermophilic Archaea from genome to function and application <b>Bettina Siebers</b>	<b>Matthew Wook Chang</b>
	3 selected from abstracts	3 selected from abstracts	3 selected from abstracts
12:30-14:00	Lunch, Exhibition & Networking		
14:00-15:00	Plenary Lecture 4: Richard Ebright Chair: Stefano Donadio		
15:00-15:30	Coffee break & Exhibition		
15:30-17:30	Session 4	Session 5	Session 6
	Challenges in the discovery of new antibiotics	Vaccine discovery and production	Synthetic biology for fine chemicals
Chairs	Alessandra Polissi - Richard Ebright	Mariagrazia Pizza - Jan Poolman	Eriko Takano - Edda Klipp
Speakers	Deciphering antimicrobial drug interactions using high-throughput approaches <b>Ana Rita Brochado</b>	Bacterial Vaccines: past, present and future <b>Jan Poolman</b>	On Control and Observation of Attractors in Boolean Networks <b>Tatsuya Akutsu</b>
	<b>Jeff Errington</b>	Bioconjugation and Development of an Escherichia coli Vaccine <b>Tiziano de Rosa</b>	<b>Reshema Shetty</b>
	<b>Karl Gademann</b>	TBD	Mass microscope in microbiology <b>Shuichi Shimma</b>
	<b>Sonia Maffioli</b>		
	2-3 selected from abstracts	3 selected from abstracts	3 selected from abstracts
17:30-19:30	Poster session & Exhibition (Coffee/other beverages served)		

Tuesday, September 10, 2019			
07:30	Registration opens		
9:00-10:00	Plenary Lecture 5: Willem de Vos Chair: Marco Ventura		
10:00-10:30	Coffee break & Exhibiton		
10:30-12:30	<b>Session 7</b>	<b>Session 8</b>	<b>Session 9</b>
	Physiology and differentiation of industrial microorganisms	Biodegradation and biocontrol	Genome editing tools
Chairs	Ezio Ricca - Evi Stegmann	Hilde Schrempf - Veronika Stepanova	Arianna Tavanti - Tilmann Weber
Speakers	Bacterial Spores and Their Use for Vaccination and Drug Delivery <b>Simon M. Cutting</b>	Microbial enzymatic systems for converting agro-industrial waste to useful compounds <b>Pimchai Chaiyen</b>	<b>Tilmann Weber</b>
	Adaptive morphogenesis of filamentous actinomycetes <b>Dennis Claessen</b>	Next generation bacteriophages for improved biocontrol and diagnostics of pathogenic bacteria <b>Martin Loessner</b>	New Genome Editing Tools for Non-model Organisms <b>Huimin Zhao</b>
	Metabolomics for the Discovery of New Bioactive Compounds <b>Margherita Sosio</b>	<b>TBD</b>	CRISPR technologies for genome engineering and evolution of Baker's yeast <i>Saccharomyces cerevisiae</i> <b>Michael Krogh Jensen</b>
	3 selected from abstracts	3 selected from abstracts	3 selected from abstracts
12:30-13:30	Lunch, Exhibition & Networking		
13:30-14:30	Plenary Lecture 6: Wilfred van der Donk Chair: TBD		
14:30-16:30	<b>Session 10</b>	<b>Session 11</b>	<b>Session 12</b>
	Biosynthetic pathways	Gut microorganisms and their applications	Targets and leads for antifungals
Chairs	Zixin Deng - Barrie Wilkinson	Marco Ventura - Douwe van Sinderen	Axel Brakhage - Ian Macreadie
Speakers	<b>Andrew Truman</b>	<b>Douwe van Sinderen</b>	<b>Axel Brakhage</b>
	<b>Rolf Müller</b>	<b>Julian Marchesi</b>	<b>Karl Kuchler</b>
	Aminoglycoside Gentamicins: From Understanding to Creating <b>Yuhui Sun</b>	Transferring key genes in Bacteroides to metabolize complex dietary arabinogalactans <b>Jose Munoz</b>	<b>TBD</b>
	3 selected from abstracts	3 selected from abstracts	3 selected from abstracts
16:30-18:30	Poster session & Exhibition (Coffee/other beverages served)		
20:00-22:00	Congress dinner		
Wednesday, September 11, 2019			
08:30	Registration opens		
9:00-10:00	Plenary Lecture 7: Hiroaki Suga Chair: Hilde Schrempf		
10:00-10:30	Coffee break & Exhibition		
10:30-12:30	<b>Session 13</b>	<b>Session 14</b>	<b>Session 15</b>
	Novel bioactive compounds	Aromas and volatiles and their applications	Engineering primary metabolism for strain improvement
Chairs	Olga Genilloud - Rolf Müller	Duccio Cavalieri - Paolina Garbeva	Paola Branduardi - Hrvoje Petkovic
Speakers	<b>Laurent Fraise</b>	Plant terpenes, glycosylation and how to keep them safe <b>Rumyana Karlova</b>	Synthetic strategies for production of aromatic molecules in <i>Kluyveromyces marxianus</i> <b>John Morrissey</b>
	Novel ribosome-targeting antibiotics and resistance mechanisms <b>Daniel Wilson</b>	Bacterial aerial clash: volatiles as antimicrobials <b>Mariana Garcia Avalos</b>	<b>Christoph Wittmann</b>
	<b>Nick Allenby</b>	<b>TBD</b>	Biotechnological terpene production – Construction of alternative hosts and expansion of the cellular building block repertoire <b>Markus Buchhaupt</b>
	3 selected from abstracts	3 selected from abstracts	3 selected from abstracts
12:30-13:30	Lunch, Exhibition & Networking		
13:30-15:30	<b>Session 16</b>	<b>Session 17</b>	<b>Session 18</b>
	Novel industrial microorganisms and approaches	Bioinformatic tools and big data approaches	Microorganisms for food and agricultural applications
Chairs	Daniel Lopez - Lixin Zhang	Alessio Mengoni - Marnix Medema	Roel Bovenberg - Raffaella Di Cagno
Speakers	<b>Lixin Zhang</b>	Large-scale discovery of novel strains and species in the global human microbiome <b>Nicola Segata</b>	<b>Marco Gobetti</b>
	<b>Daniel Lopez</b>	A roadmap to integrated metabolome and genome mining analysis <b>Justin van der Hoof</b>	The sourdough library: microorganisms diversity for tasteful bakery products <b>Genot Bernard</b>
	<b>TBD</b>	Large-scale genome sequence analysis and plant-microbe interactions <b>Rebekah Kelly</b>	<b>Ronnie de Jonge</b>
	3 selected from abstracts	3 selected from abstracts	2 selected from abstracts
15:30-16:00	Coffee break & Exhibition		
16:00-17:00	Plenary Lecture 8: Paola Bonfante Chair: TBD		
17:00-17:30	Closing ceremony		