PROGRAMME OVERVIEW

FEMS 2019

Sunday

	CLYDE
12.00 - 15.30	**Registration & Coffee (Hall 5)**
13.00 - 14.00	**FEMS2019 Committees and FEMS Board Meeting** (by invitation only) (Gala Room)
15.30 - 16.00	Opening ceremony
16.00 - 17.00	Plenary Lecture: Systems metabolic engineering of microorganisms for the production of chemicals and materials from renewable resources
17.00 - 18.00	Lwoff Award / Plenary Lecture: The bacterial pathogen Listeria monocytogenes: a multifaceted model
18.00 - 20.00	Welcome Reception (Hall 5)

Monday

	CLYDE	LLOMOND	LEVEN, MORAR & NESS	FORTH	ALSH	BOISDALE	CARRON	DOCHART	GALA
09.00 - 09.55	Plenary Lecture: Resource tracking and trade across complex symbiotic networks								**17.45 - 18.15** Social media and communications training course
10.00 - 11.00	Microbial communities associated with plants	European Academy of Microbiology symposium: From systems to synthetic biology	FEMS Microbiology Letters symposium: Bacterial autotrophy	FEMSRE symposium: Microscopy revolution (cryo-EM, fluorescent imaging)	SfAM symposium: Antibiotic removal during biological wastewater treatment	Biofilms	Archaea,news about an old phylome	FEMS Pathogens & Diseases symposium: Pathogenesis of tuberculosis	
11.00 - 11.30	**Coffee Break - Poster Viewing - Exhibition Visit**								
11.30 - 12.30	Microbial communities associated with plants (cont.)	European Academy of Microbiology symposium: From systems to synthetic biology (cont.)	FEMS Microbiology Letters symposium: Bacterial autotrophy (cont.)	FEMSRE symposium: Microscopy revolution (cryo-EM, fluorescent imaging) (cont.)	SfAM symposium: Antibiotic removal during biological wastewater treatment (cont.)	Biofilms (cont.)	Archaea, news about an old phylome (cont.)	FEMS Pathogens & Diseases symposium: Pathogenesis of tuberculosis (cont.)	
12.30 - 14.30	**Lunch Break - Poster Viewing - Exhibition Visit**			12.30 - 13.30 **Grantees Lunch** (by invitation only)	**Lunch Break - Poster Viewing - Exhibition Visit**				
13.00 - 13.30		Round table: Big data approaches for industrial microorganisms	Virology	**Special event** 13.30 - 14.00 Workshop: Developing your networking skills	Pathogenicity	Genetics/Genomics	13.00 - 14.30 **EAM Meeting** (by invitation only)		
13.30 - 14.00									
14.00 - 14.30									
14.30 - 15.30	Extreme environments	Systems microbiology	Single-cell microbiology and infection	Gene expression and regulation	Fungal mechanisms and diversity in the environment and disease	SfAM workshop: Poster lightning talks	Social ecology	Host-virus molecular processes	
15.30 - 16.00	**Coffee Break - Poster Viewing - Exhibition Visit**								
16.00 - 17.00	Extreme environments (cont.)	Systems microbiology (cont.)	Single-cell microbiology and infection (cont.)	Gene expression and regulation (cont.)	Fungal mechanisms and diversity in the environment and disease (cont.)	SfAM workshop: Poster lightning talks (cont.)	Social ecology (cont.)	Host-virus molecular processes (cont.)	
17.00 - 19.00	Poster Networking (Hall 5 - Poster area)								

Tuesday

	CLYDE	LLOMOND	LEVEN, MORAR & NESS	FORTH	ALSH	BOISDALE	CARRON	DOCHART	GALA
09.00 - 09.55	Plenary Lecture: Beyond CRISPR: The immune system of bacteria								**10.00 - 11.30** FEMS Ambassadors and FEMS Board Meeting (by invitation only)
10.00 - 11.00	Evolution and genome plasticity	Antimicrobial resistance: spread and prevention	Microbial diversity in industry	Microbiology Society symposium: Host-pathogen interactions: chronic and persistent infections	Viruses in the environment, metagenomics	SfAM symposium: Vaccines	Danish Microbiology Society symposium: Climate change: impact on polar and alpine microbiology	Bergey's Manual Trust symposium: Linking microbial systematics and ecology	
11.00 - 11.30	**Coffee Break - Poster Viewing - Exhibition Visit**								
11.30 - 12.30	Evolution and genome plasticity (cont.)	Antimicrobial resistance: spread and prevention (cont.)	Microbial diversity in industry (cont.)	Microbiology Society symposium: Hostpathogen interactions: chronic and persistent infections (cont.)	SY25 (cont)	SfAM symposium: Vaccines (cont.)	Danish Microbiology Society symposium: Climate change: impact on polar and alpine microbiology (cont.)	Bergey's Manual Trust symposium: Linking microbial systematics and ecology (cont.)	
12.30 - 14.30	**Lunch Break - Poster Viewing - Exhibition Visit**								
13.00 - 13.30		FEMS Publishing: New directions and opportunities	Microbiome	Special session: Microbial symbioses	Antimicrobial resistance	Biotechnology	Industry symposium Qiagen: Novel solutions for unbiased results in metagenomic analysis of human microbiome samples		
13.30 - 14.00									
14.00 - 14.30						Product presentation: Bio Castle Water Technologies: **Introducing Small Bioreactor Platform (SBP) technology: Microorganism macro-encapsulation method for research uses**			
14.30 - 15.30	Microbiome: recent developments and model systems	Antimicrobial resistance: Novel approaches and mode of action	SUSFOOD workshop:Biotransformation of agro-food byproducts into functional ingredients and novel foods	Microbiology Society workshop: Host-pathogen interactions:chronic and persistent infections	Viruses: structural biology and 3D imaging	Dynamics on new host adaptation	Protein turnover and secretion	SfAM workshop:Early career scientists' presentation	
15.30 - 16.00	**Coffee Break - Poster Viewing - Exhibition Visit**								
16.00 - 17.00	Microbiome: recent developments and model systems (cont.)	Antimicrobial resistance: Novel approaches and mode of action (cont.)	SUSFOOD workshop: Biotransformation of agro-food byproducts into functional ingredients and novel foods (cont)	Microbiology Society workshop: Host-pathogen interactions: chronic and persistent infections (cont.)	Viruses: structural biology and 3D imaging (cont.)	Dynamics on new host adaptation (cont.)	Protein turnover and secretion (cont.)	SfAM workshop: Early career scientists' presentation (cont.)	
17.00 - 19.00	Poster Networking (Hall 5 - Poster area)								
				18.30 - 19.30 **FEMS2019 Sponsor & Exhibitor Meeting** (by invitation only)					

Wednesday

	CLYDE	LLOMOND	LEVEN, MORAR & NESS	FORTH	ALSH	BOISDALE	CARRON	DOCHART
09.00 - 09.55	Plenary Lecture: The pluripotent malaria parasite: ready to go in any direction							
10.00 - 11.00	CRISPR developments	The research-teaching nexus: Exploring its role in Microbiology	SfAM symposium: One-health approach	FEMS Microbiology Ecology symposium: Host-microbiome interactions (human-gut, sponge symbionts, plant microbiome)	Food innovation with microbes	FEMS-ESCMID symposium: Diagnostic clinical microbiology in next decade: new concepts and old challenges	Bacteriophages	FEMS Yeast Research symposium: Genomics and physiology of pathogenic yeast
11.00 - 11.30	**Coffee Break - Poster Viewing - Exhibition Visit**							
11.30 - 12.30	CRISPR developments (cont.)	The research-teaching nexus: Exploring its role in Microbiology (cont.)	SfAM symposium: One-health approach (cont.)	FEMS Microbiology Ecology symposium: Host-microbiome interactions (human-gut, sponge symbionts, plant microbiome) (cont.)	Food innovation with microbes (cont.)	FEMS-ESCMID symposium: Diagnostic clinical microbiology in next decade: new concepts and old challenges (cont.)	Bacteriophages (cont.)	FEMS Yeast Research symposium: Genomics and physiology of pathogenic yeast (cont.)
12.30 - 14.30	**Lunch Break - Poster Viewing - Exhibition Visit**							
13.00 - 13.30	Round table: CRISPR - ethical issues	Round table: Embedding Equality and Diversity in Microbiology	Food Microbiology		Environmental microbiology	Mycology	Round table: Microbes driving the bioeconomy: bridging the academia-industry divide	
13.30 - 14.00				Industry symposium: Oxford Nanopore Technologies Ltd. : The role of genetics and evolution in Staphylococcus aureus infection				
14.00 - 14.30								
14.30 - 15.30	CRISPR: new applications and impacts	Engage your Audience 2019	Synthetic microbiology	Microbial survival strategies in antibiotic environment	Genome sequencing and food safety	SfAM workhsop: Award recipients	Cell surfaces	
15.30 - 16.00	**Coffee Break - Poster Viewing - Exhibition Visit**							
16.00 - 17.00	CRISPR: new applications and impacts (cont.)	Workshop: Communicating effectively (presentation skills)	Synthetic microbiology (cont.)	Microbial survival strategies in antibiotic environment (cont.)	Genome sequencing and food safety (cont.)	SfAM workhsop: Award recipients (cont.)	Cell surfaces (cont.)	
						17.45 - 19.00 **SfAM Annual General Meeting**		
17.00 - 19.00	Poster Networking (Hall 5 - Poster area)							
19.00 - 24.00	Congress party at Merchant Square							

Thursday

	CLYDE	LLOMOND	LEVEN, MORAR & NESS	FORTH	ALSH	BOISDALE	CARRON	DOCHART
09.00 - 09.55	Plenary Lecture: From commensalism to pathogenicity: interactions of Candida albicans with the host							
10.00 - 11.00	Epigenetics	Yeast synthetic biology	Marine microbial communities	SfAM symposium: Exploiting bacteria for biomedical applications	Spores in food	Cell membrane transport	Exotic new viruses, evolution	International Committee on Systematics of Prokaryotes symposium: What's in a name? Current approaches and future challenges in systematics
11.00 - 11.30	**Coffee Break - Poster Viewing - Exhibition Visit**							
11.30 - 12.30	Epigenetics (cont.)	Yeast synthetic biology (cont.)	Marine microbial communities (cont.)	SfAM symposium:Exploiting bacteria for biomedical applications (cont.)	Spores in food (cont.)	Cell membrane transport (cont.)	Exotic new viruses, evolution (cont.)	International Committee on Systematics of Prokaryotes symposium: What's in a name? Current approaches and future challenges in systematics (cont.)
12.45 - 13.45	SfAM WH Pierce Prize							
13.45 - 14.15	Poster awards and Closing session							

PLENARY SESSION · SYMPOSIUM · WORKSHOP · POSTER DISCUSSION SESSION · SPECIAL SESSION · INDUSTRY SYMPOSIUM · NETWORKING EVENT · CONGRESS PARTY