

# ISSI 2018 PRELIMINARY PROGRAMME

THURSDAY 23 AUGUST 2018

Start	End	Chair(s)	Co-chair(s)	Presenter(s)	Title
12:00	13:30				<b>REGISTRATION</b>
13:30	13:30				<b>WELCOME</b>
13:30	13:40			Anders, Dorte	Introduction and practical information
13:40	13:50			Henrik Wegener	TBA
13:50	14:00			Joseph John	The history of ISSI
14:00	14:45			Michael David	<b>KEYNOTE LECTURE</b> TBA
14:45	15:15				<b>COFFEE BREAK</b>
15:15	16:45				<b>MRSA EPIDEMIOLOGY IN THE GENOMIC ERA</b>
15:15	15:45			Matthew Holden	TBA
15:45	16:15			Alexander Mellmann	TBA
16:15	16:30			Geoffrey Coombs	TBA
16:30	16:45			Eike Steining	Abstract #616: Emergence and global spread of a multidrug-resistant, community-associated MRSA lineage from the Indian subcontinent
16:45	18:00				<b>SCCmec</b>
16:45	17:15			Yuki Uehara	TBA
17:15	17:35			Hülya Kaya	TBA
17:35	17:55			Marc Stegger	TBA
17:55	18:00			IWG-SCC	TBA
18:00	19:00				<b>POSTERS AND DRINKS</b>
19:00	21:00				<b>WELCOME RECEPTION (MAERSK TOWER)</b>

FRIDAY 24 AUGUST 2018

Start	End	Chair(s)	Co-chair(s)	Presenter(s)	Title
09:00	10:15				<b>STAPH IN THE MICROBIOME</b>
09:00	09:30			Cindy Liu	TBA
09:30	10:00			Bernhard Krismer	TBA
10:00	10:15			Karen Moreau	Abstract 42: Deciphering the interactions between <i>S. aureus</i> and <i>P. aeruginosa</i> in a context of pulmonary co-infection in Cystic Fibrosis patients
10:15	11:00				<b>OUTBREAK INVESTGATIONS</b>
10:15	10:30			Xiaomei Yan	Abstract 189: Investigation of a staphylococcal food poisoning outbreak caused by ST398 strains
10:30	10:45			Bruno Pichon	Abstract 314: SnapperDB: an automated pipeline for whole-genome sequence based micro-epidemiological investigations and national surveillance of <i>Staphylococcus aureus</i>
10:45	11:00			Catherine Bennett	Abstract 568: Prevalence and transmission of <i>Staphylococcus aureus</i> and MRSA among Australian mothers and newborn infants in the first 4 weeks postpartum
11:00	11:30				<b>COFFEE BREAK</b>
11:30	13:15				<b>PATHOGENESIS</b>
11:30	12:00			Paul Fey	TBA
12:00	12:30			Ruth Massey	TBA
12:30	12:45			Natalia Bravo-Santano	Abstract 51: Hijacking of host cellular functions in <i>Staphylococcus aureus</i> infections
12:45	13:00			Suresh Panthee	Abstract 220: In-vivo transcriptomic analysis of <i>Staphylococcus aureus</i> from infected organs
13:00	13:15			Jakub Kwiecinski	Abstract 527: Signaling cascade ArlRS-MgrA regulates <i>S. aureus</i> interaction with the host during skin infection
13:15	14:15				<b>LUNCH BREAK</b>

14:15	15:00				<b>STAPH VS THE IMMUNE SYSTEM</b>
14:15	14:45			Barbara Bröker	TBA
14:45	15:15			Bas Surewaard	TBA
15:15	15:30			Minh-Thu Nguyen	Abstract 14: How commensal staphylococci adapt to our immune system
15:30	15:45			Søren Skov	Abstract 247: SELECTIVE INDUCTION OF THE PROGRAMMED DEATH 1 RECEPTOR ON HUMAN T-CELLS BY CLINICAL STAPHYLOCOCCUS AUREUS
15:45	16:00			Yuxi Zhao	Abstract 331: STAPHYLOCOCCAL SUPERANTIGEN-LIKE PROTEIN 13 ACTIVATES NEUTROPHILS VIA FORMYL PEPTIDE RECEPTOR 2
16:00	16:30				<b>COFFEE BREAK</b>
16:30	17:00				<b>INDUSTRY SYMPOSIUM</b>
16:30	17:00			Alex van Belkum	TBA
17:00	18:00				<b>POSTERS AND DRINKS</b>
19:00	00:00				<b>GALA DINNER (COPENHAGEN OPERA HOUSE)</b>
<b>SATURDAY 25 AUGUST 2018</b>					
Start	End	Chair(s)	Co-chair(s)	Presenter(s)	Title
09:00	10:45				<b>CHRONIC INFECTIONS AND BIOFILM</b>
09:00	09:25			Bettina Löffner	TBA
09:25	09:50			Frederic Laurent	TBA
09:50	10:15			Ho Kwong	TBA
10:15	10:30			Louise Kruse Jensen	Late breaker 2: A porcine model of <i>S. aureus</i> implant-associated osteomyelitis
10:30	10:45			Logan Bulock	[365] STAPHYLOCOCCUS AUREUS BIOFILM DEVELOPMENT GENERATES DISTINCT METABOLIC NICHES
10:45	11:15				<b>COFFEE BREAK</b>
11:15	12:20				<b>CoNS</b>
11:15	11:40			TBA	TBA
11:40	12:05			Maria Miragaia	TBA
12:05	12:20			Jean Lee	[410] GENOMICS REVEALS GLOBAL EMERGENCE OF NEAR PAN-DRUG RESISTANT <i>S. EPIDERMIDIS</i>
12:20	13:00		Keira Melican	Mathias Nielsen	<b>GENDER SYMPOSIUM</b>
13:00	14:00				<b>LUNCH</b>
14:00	15:30		Keira Melican		<b>RESISTANCE AND HOW TO FIGHT IT</b>
14:00	14:30			Andrew Edwards	TBA
14:30	15:00			Ewan Harrison	TBA
15:00	15:15			Jhih-Hang Jiang	[434] ANTIBIOTIC RESISTANCE AND HOST IMMUNE EVASION IN STAPHYLOCOCCUS AUREUS MEDIATED BY A NOVEL METABOLIC ADAPTATION
15:15	15:30			William Kelley	[643] SYNERGISTIC RE-SENSITIZATION OF STAPHYLOCOCCUS AUREUS MRSA TO BETA-LACTAM ANTIBIOTICS FOLLOWING DUAL DISRUPTION OF EXTRACELLULAR CHAPERONES
15:30	16:00				<b>COFFEE BREAK</b>
16:00	17:20	Daniel Lopez			<b>METABOLIC AND MOLECULAR INSIGHTS</b>
16:00	16:25			Daniel Lopez	TBA LIPID RAFTS
16:25	16:45			Ana R. Pereira	TBA (CELL DIVISION)
16:45	17:00			Yara Seif	[160] A MULTI-SCALE METABOLIC KNOWLEDGE BASE AND A DERIVED COMPUTATIONAL MODEL FOR <i>S. AUREUS</i>
17:00	17:15			Eliza Zalis	[169] ANTIBIOTIC TOLERANCE MEDIATED BY LOW ATP IN STAPHYLOCOCCUS AUREUS
17:15	18:30				<b>POSTERS AND DRINKS</b>
19:30	00:00				<b>FRIENDSHIP PARTY AT JACOBSEN BREW HOUSE - CARLSBERG</b>

**SUNDAY 26 AUGUST 2018**

Start	End	Chair(s)	Co-chair(s)	Presenter(s)	Title
09:00	10:45				<b>MICROBIAL EVOLUTION, ADAPTATION AND FITNESS</b>
09:00	09:30			Therry Wirth	TBA
09:30	10:00			Francois Vandenesch	TBA
10:00	10:15			Shilpa George	[337] QUORUM SENSING "CHEATERS" WITHIN STAPHYLOCOCCUS AUREUS POPULATIONS ARE SELECTED UNDER AEROBIC GROWTH
10:15	10:30			Ahmed Moustafa	[501] THE IMPACT OF ACQUIRED COPPER RESISTANCE LOCI ON EPIDEMIC METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS PATHOGENESIS AND SPREAD
10:30	10:45			Gonzalo Yebra	[630] MASSIVE GENE DECAY AND INSERTION SEQUENCE ACQUISITION HAS SHAPED THE EVOLUTIONARY HISTORY OF THE HOST RESTRICTED STAPHYLOCOCCUS AUREUS SUBSP. ANAEROBIUS
10:45	11:15				<b>COFFEE BREAK</b>
11:15	12:45				<b>NOVEL STRATEGIES TO COMBAT STAPHYLOCOCCI</b>
11:15	11:45			Heike Brötz-Österhelt	CLP PROTEASE AS A TARGET FOR CONTROLLING S: AUREUS
11:45	12:15			Hao Wang	TBA
12:15	12:30			Kayan Tam	[81] FIGHTING TOXINS WITH TOXINS: EXPLOITING THE LEUKOCIDINS AS POTENTIAL TARGETS FOR ANTI-STAPHYLOCOCCUS AUREUS VACCINE
12:30	12:45			M. Javad Aman	[390] NOVEL 5 COMPONENT TOXOID-BASED STAPHYLOCOCCUS AUREUS VACCINE IBT-V02 SHOWS PROTECTIVE EFFICACY IN PRE-CLINICAL MOUSE AND RABBIT STUDIES
					<b>SANDWICH AND FAREWELL</b>