

4th ICDS Programme

Thursday, 20th September

14:45-16:30		SESSION I: IMMUNOLOGY I	
		Chair: P. Mastrantonio	
14:45		Rupnik, M.	OPENING
15:00	INV1	Sansonetti, P.	LEARNING FROM PATHOGENS ORIGINAL STRATEGIES OF IMMUNOMANIPULATION
15:30	O1	Heinrichs, J. H.	DESIGN, PRODUCTION AND PRE-CLINICAL EVALUATION OF A NOVEL TOXIN-BASED VACCINE FOR THE PREVENTION OF <i>Clostridium difficile</i> DISEASE
15:50	O2	Jansen, K. U.	A NOVEL APPROACH TO A <i>C. difficile</i> TOXOID VACCINE: IMMUNOGENICITY AND PRECLINICAL EFFICACY
16:10	O3	Anosova, N.	TOXIN A AND TOXIN B SPECIFIC SYSTEMIC ANTIBODY LEVELS CORRELATE WITH PROTECTION AGAINST <i>C. difficile</i> ASSOCIATED DISEASE IN HAMSTERS
16:30-17:00		COFFEE BREAK	
17:00-18:30		SESSION II: SPORULATION AND GERMINATION	
		Chair: N. Minton	
17:00	INV2	Henriques, A. O.	SPORE DEVELOPMENT IN RELATION TO PATHOGENESIS IN <i>Clostridium difficile</i>
17:30	O4	Dembek, M.	TRANSCRIPTIONAL ANALYSIS OF GERMINATION IN <i>Clostridium difficile</i> 630 ENDOSPORES
17:50	O5	Sorg, J. A.	IDENTIFYING FACTORS THAT INFLUENCE <i>Clostridium difficile</i> SPORE GERMINATION
18:10	O6	Cutting, S. M.	THE SPORE COATS OF <i>C. difficile</i>
19:00		WELCOME RECEPTION (Hotel Golf)	

Friday, 21st September

8:30-10:00		SESSION III: PATHOGENESIS AND VIRULENCE FACTORS	
		Chair: I. Poxton	
8:30	INV3	Lacy, B.	STRUCTURES AND FUNCTIONS OF <i>Clostridium difficile</i> TcdA and TcdB
9:00	O7	Michell, S.	THE ROLE OF LIPOPROTEINS IN <i>Clostridium difficile</i> ADHERENCE
9:20	O8	Papatheodorou, P.	IDENTIFICATION OF THE HOST CELL RECEPTOR OF <i>Clostridium difficile</i> BINARY TOXIN CDT
9:40	O9	Pich, A.	IMPACT OF CLOSTRIDIAL GLUCOSYLATING TOXINS ON THE PROTEOME OF COLONOCYTES
10:00-10:30		COFFEE BREAK	
10:30-11:50		SESSION IV: IMMUNOLOGY II	
		Chair: D. Gerding	
10:30	O10	Staelens, D.	<i>IN VITRO</i> AND <i>IN VIVO</i> CHARACTERIZATION OF NEUTRALIZING MONOCLONAL ANTIBODIES AGAINST <i>Clostridium difficile</i> TOXINS A AND B
10:50	O11	Songane, M.	MECHANISM(S) INVOLVED IN <i>Clostridium difficile</i> -MEDIATED INFLAMMASOME ACTIVATION
11:10	O12	Solomon, K.	HOST INFLAMMATORY AND IMMUNE RESPONSE TO <i>Clostridium difficile</i> INFECTION: ROLE OF BACTERIAL CYTOTOXIN TITRE AND RELATIONSHIP WITH MORTALITY
11:30	O13	Kansau, I.	FLAGELLA AND FLAGELLIN OF <i>C. difficile</i> 027 HYPERVIRULENT STRAIN ACTIVATE NF- κ B AND ELICIT IL-8 PRODUCTION IN EPITHELIAL TLR-5-EXPRESSING CELL LINE
11:50-13:00		POSTER SESSION I (P1-P62)	
13:00-14:00		LUNCH (Hotel Golf)	
14:00-15:00		POSTER SESSION I (P1-P62) (COFFEE served at Poster area)	

15:00-16:30		SESSION V: COMPARATIVE GENOMICS AND GENETICS	
		Chair: S. Weese	
15:00	INV4	Dingle, K.	NOVEL INSIGHTS INTO <i>C. difficile</i> BIOLOGY AND EVOLUTION REVEALED BY WHOLE GENOME SEQUENCING
15:30	O14	Minton, N. P.	WHAT'S A SNP BETWEEN FRIENDS?
15:50	O15	Buckley, A.	WHAT'S LOV GOT TO DO WITH IT?
16:10	O16	Soutourina, O.	EXPLORING sRNAs IN <i>Clostridium difficile</i> BY BIOINFORMATICS AND DEEP-SEQUENCING
16:30-17:00		COFFEE BREAK	
17:00-18:30		SESSION VI: PHYSIOLOGY	
		Chair: B. Dupuy	
17:00	INV5	Sonenshein, A. L.	METABOLIC CONTROL OF VIRULENCE IN <i>Clostridium difficile</i>
17:30	O17	Williams, R.	THE CONJUGATIVE TRANSPOSON <i>TN5397</i> INSERTS INTO SPECIFIC SITES IN THE <i>Clostridium difficile</i> R20291 GENOME RESULTING IN SEVERE ATTENUATION OF VIRULENCE IN THE HAMSTER MODEL
17:50	O18	Cartman, S. T.	IS TcdC REALLY A NEGATIVE REGULATOR OF TOXIN PRODUCTION IN <i>Clostridium difficile</i> ?
18:10	O19	Shaw, H. A.	INSIGHTS INTO SORTASE IN <i>Clostridium difficile</i>
19:00		DINNER (Hotel Golf)	

Saturday, 22nd September

8:30-10:00		SESSION VII: DIAGNOSTICS/CLINICAL ASPECT/INFECTION CONTROL I	
		Chair: T. Louie	
8:30	INV6	Donskey, C.	INFECTION CONTROL OF <i>Clostridium difficile</i> : WHY ARE WE FAILING AND WHICH SPECIAL APPROACHES COULD HELP US SUCCEED?
9:00	O20	Gupta, S. B.	A LARGE PROSPECTIVE NORTH AMERICAN EPIDEMIOLOGIC STUDY OF HOSPITAL-ASSOCIATED <i>Clostridium difficile</i> COLONIZATION & INFECTION
9:20	O21	Tenover, F. C.	STRAIN TYPES AND RESISTANCE PATTERNS OF <i>Clostridium difficile</i> ISOLATES FROM UNITED STATES HOSPITALS
9:40	O22	Khanafer, N.	HIGH MORTALITY RATE IN ONE YEAR COHORT STUDY AMONG PATIENTS WITH <i>Clostridium difficile</i> INFECTION (CDI) IN A LARGE TERTIARY HOSPITAL
10:00-10:30		COFFEE BREAK	

10:30-11:50		SESSION VIII: DIAGNOSTICS/CLINICAL ASPECT/INFECTION CONTROL II	
		Chair: A. Collignon	
10:30	INV7	Carroll, K.	CLINICAL IMPACT OF MOLECULAR TESTING FOR <i>C. difficile</i> DIAGNOSIS: <i>THERE'S GOOD NEWS AND BAD!</i>
11:00	INV8	Ross, P.	PROBIOTICS, BACTERIOCINS AND BACTERIOPHAGE FOR LIMITING <i>C. difficile</i> INFECTION
11:30	O23	Crowther, G. S.	VALIDATION OF A TRIPLE STAGE <i>IN VITRO</i> HUMAN GUT MODEL TO STUDY THE BIOFILM MODEL OF GROWTH OF <i>C. difficile</i> AND THE INDIGENOUS GUT
11:50-13:00		POSTER SESSION II (P63-P120)	
13:00-14:00		LUNCH (Hotel Golf) (coffee served in the Poster area)	
14:00-15:30		SESSION IX: ROUND TABLE ON <i>C. difficile</i> TYPING	
		Chairs: T. Riley and M. Rupnik	
14:00	INV9	Kuijper, E.	DIAGNOSTICS AND TYPING OF <i>Clostridium difficile</i> INFECTIONS IN EUROPE
14:10	INV10	Wilcox, M.	INCREASE USE OF RIBOTYPING - BUT WHERE NEXT?
14:20	INV11	Indra, A.	ADVANTAGES AND DISADVANTAGES OF WEB BASED SYSTEMS TO IDENTIFY DNA PROFILES
14:30	INV12	Mulvey, M.	THE CANADIAN EXPERIENCE WITH MOLECULAR TYPING METHODS FOR <i>C. difficile</i> : PFGE, PCR RIBOTYPING AND GENOME SEQUENCING
14:40			ROUND TABLE DISCUSSION
15:30-17:00		POSTER SESSION II (P63-P120) AND COFFEE BREAK	
17:00-18:20		SESSION X: VETERINARY	
		Chair: M. Rupnik	
17:00	O24	Riley, T. V.	AN OUTBREAK OF COMMUNITY-ACQUIRED <i>Clostridium difficile</i> INFECTION IN AUSTRALIA, 2011-12
17:20	O25	Knight, D. R.	<i>Clostridium difficile</i> FROM AUSTRALIAN CATTLE - ALL WILL BE RE(VEAL)ED!
17:40	O26	Keessen, E. C.	<i>Clostridium</i> 078 IN PIGS, A THREAT FOR FARMERS, THEIR RELATIVES AND EMPLOYEES
18:00	O27	Weese, J. S.	EFFECT OF OXYTETRACYCLINE ON <i>Clostridium difficile</i> COLONIZATION AND THE FECAL MICROBIOME OF VEAL CALVES
19:30			CONGRESS DINNER (Grand Hotel Toplice)