Day	Start EDT	End EDT	Munich, Europe	Melbourne, Australia	Presenter	Format	Title/ Subject			
Monday,	3:30 PM	4:45 PM	6:30 PM	5:30 AM +1			Young Scientist's Pre-Meeting			
September 13	5:00 PM	5:05 PM	11:00 PM	7:00 AM +1	Borden Lacy, Aimee Shen, Bruce McClane		Welcome & Introduction to Keynote by Dr. Bruce McClane			
	5:05 PM	5:35 PM	11:05 PM	7:05 AM +1	Dr. Julian Rood	Conference Keynote	The conjugative plasmid-toxin nexus in <i>Clostridium perfringens</i>			
	Session I: Session Chair – Dr. Xingmin Sun									
	5:35 PM	6:00 PM	11:35 PM	7:35 AM +1	Dr. Jihong Li	Short talk	NanH is Produced by Sporulating Cultures of <i>Clostridium perfringens</i> Type F Food Poisoning Strains and Enhances the Cytotoxicity of <i>C. perfringens</i> Enterotoxin			
					Dr. Mauricio Navarro	Short talk	Paeniclostridium sordellii-associated metritis in goats			
	6:00 PM	6:25 PM	12:00 AM	8:00 AM +1	Dr. Daniel Knight	Invited Talk	New evolutionary and ecological insights into the <i>Clostridioides difficile</i> species			
	6:25 PM	6:50 PM	12:25 AM	8:25 AM + 1	Shailab Shrestha	Short talk	<i>Clostridioides difficile</i> uses distinct divisomes to mediate asymmetric (polar) vs. vegetative (medial) cell division			
					Dr. Steven Melville	Short talk	Secretion of the large clostridial toxin TpeL from <i>Clostridium perfringens</i> requires a holin protein, TpeE, that is similar to the Twin- Arginine Transport protein TatA			
					(12:50 – 1:50 AM, N Zoom Breakout Ro		):50 AM Melbourne) nt Young)			
Tuesday,					n II: Session Chair		•			
September 14	9:00 AM	9:25 AM	3:00 PM	11:00 PM	Dr. Rita Tamayo	State-of- the-Art Lecture	Mechanisms and consequences of phenotypic heterogeneity in <i>Clostridioides difficile</i>			
	9:25 AM	9:50 AM	3:25 PM	11:25 PM	Dr. Shonna McBride	Invited Talk	Spo0E regulates cellular differentiation, motility, and virulence in <i>C. difficile</i>			
	9:50 AM	10:15 AM	3:50 PM	11:50 PM	Leslie Ronish	Short talk	Molecular mechanisms of <i>Clostridioides difficile</i> biofilm formation			
					Dr. Yannick Tremblay	Short talk	Extracellular pyruvate induces biofilm formation in <i>Clostridioides difficile</i>			
	10:15 AM	10:40 AM	4:15 PM	12:15 AM +1	Dr. Isabelle Martin- Verstraete	Invited Talk	Know your enemy: how anaerobic <i>Clostridioides difficile</i> deals with low O <sub>2</sub> tensions			
	10:40 AM	10:50 AM	4:40 PM	12:40 AM +1	Break					
	Session III: Session Chair – Dr. Lisa Dawson									
	10:50 AM	11:15 AM	4:40 PM	12:50 AM +1	Dr. Francisco Uzal	Invited Talk	The story of Nanl sialidase of <i>Clostridium</i> perfringens			
	11:15 AM	12:05 PM	5:15 PM	1:15 AM +1	Dr. Mostafa Abdel-Glil	Short talk	Stable phylogroups of <i>Clostridium perfringens</i> revealed by a comparative in silico genome analysis			
					Dr. Johann Peltier	Short talk	Type I toxin-antitoxin systems contribute to the maintenance of mobile genetic elements maintenance in <i>Clostridioides difficile</i>			
					Dr. Franziska Faber	Short talk	Functional analysis of the RNA landscape in <i>C. difficile</i> reveals a global RNA-binding protein that regulates toxin production			
					Dr. Kathryn Cherny	Short talk	Characterization of structure and function of a <i>Clostridium innocuum</i> hypothetical protein that is cross-reactive with <i>Clostridioides</i> <i>difficile</i> anti-toxin antibodies			
Day	Start	End EDT	Munich,	Melbourne,	Presenter	Format	Title/ Subject			
	EDT		Europe	Australia						

## ClostPath 12 Virtual Conference Schedule (as of 8/3/21)

Sundaresan     Dr. P.J Hensbergen     Flash Talk Period     Porter line of the structure arbitration of the structure arbitration of the cloand/dolog tragetine (FIIC) Type A modifice       12:20 PM     12:30 PM     6:20 PM     2:40 AM +1     Break     Flash Talk Hensbergen     Flash Talk Period     Flash Talk Hensbergen     Fla	Tuesday, September 14, cont'd.	12:05 PM	12:20 PM	6:05 PM	2:05 AM +1	Daniel Troitzsch	Flash Talk	A Point Mutation in the Transcriptional Repressor PerR Results in a Constitutive Oxidative Stress Response in <i>Clostridioides</i> <i>difficile</i> 630∆ <i>erm</i>		
Hensbergen     biosynthesis of the Closificides flagellin C (FIIC) Type A modified flagellin C (FIIC) Type A modified flagellin C (FIIC) Type A modified fl							Flash Talk	A germination interaction study of <i>Clostridium</i> <i>novyi</i> -NT spores reveals a novel non- canonical D-Amino acid germinant		
12:30 PM     1:30 PM     6:30 PM     2:30 AM +1     Poster Session I       September 15     9:00 AM     9:25 AM     3:00 PM     11:00 PM     Dr. Roman Meinyk     State-of- the-art Lecture     Unraveling the role of intestim im odulating <i>C. difficile</i> TedB function       9:25 AM     9:50 AM     3:25 PM     11:25 PM     Dr. Sabine Pellett     Invited Talk     Post-translational regulation on neurotoxin production in <i>Clos botulinum</i> Hall A- <i>hyper</i> 9:50 AM     10:15 AM     3:50 PM     11:50 PM     Dr. Christopher Peritor-Calve     Short talk     Glocowitransferase-independen Glocowitransferase-independen toxins A and B in the mouse mo <i>difficile</i> infection       10:15 AM     10:40 AM     4:15 PM     12:15 AM +1     Dr. Brigitte Dormer     Invited Talk     Stoutlaw Boulnum neurotoxins: New fi receptor binding and how they into innovative detection appr into innovative detection appr and global epidemiology.       10:40 AM     10:50 AM     4:40 PM     12:40 AM +1     Break       10:50 AM     11:15 AM     4:40 PM     12:50 AM +1     Dr. Juson Wilson     Invited Talk     More C difficile evolves resist in dromovative detection appr and global epidemiology.       11:15 AM     11:40 AM     5:15 PM     1:15 AM +1     Dr. Juson Wilson <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Flash Talk</th> <th>Novel insights in the structure and biosynthesis of the <i>Clostridioides difficile</i> flagellin C (FliC) Type A modification</th>							Flash Talk	Novel insights in the structure and biosynthesis of the <i>Clostridioides difficile</i> flagellin C (FliC) Type A modification		
Wednesday, September 15     Session IV: Session Chair – Dr. Chris Lopez       9:00 AM     9:25 AM     3:00 PM     11:00 PM     Dr. Roman Menyk     State-of- the-art Lecture     Unraveling the role of intestim in modulating <i>C. dtffic/e</i> TcdB function       9:25 AM     9:50 AM     3:25 PM     11:25 PM     Dr. Sabine Pellett     Invited Talk Pellett     Out-translational regulation o neurotoxin production in <i>Clos botulinum</i> Hail A-hyper       9:50 AM     10:15 AM     3:50 PM     11:50 PM     Dr. Christopher Peritore-Galw     Short talk Short talk     Glucosyltransferase-independen and threapeutic target for <i>C. dtff</i> 10:15 AM     10:40 AM     4:15 PM     12:15 AM +1     Dr. Brigitte Dormer     Invited Talk     Botulinum neurotoxins: New ft receptor binding and how the into innovative detection appr into innovative detection appr int disimpact on p into innovative detection appr into innovative into innovative detection appr intesision of a		12:20 PM	12:30 PM	6:20 PM	2:40 AM +1	Break				
September 15   9:00 AM   9:25 AM   3:00 PM   11:00 PM   Dr. Roman Melnyk   State-of- the-art Pellett   Unraveling the role of intesting in modulating C. difficile To CB function     9:25 AM   9:50 AM   3:25 PM   11:25 PM   Dr. Sabine Pellett   Invited Talk Pellett   Ost-translational regulation of Cos botulinum Hall A-hyper     9:50 AM   10:15 AM   3:50 PM   11:50 PM   Dr. Christopher Periors-Gaber Periors-Gaber   Short talk   Structural basis for CSPG4 as a and therapeutic target for C. diffi     10:15 AM   10:40 AM   4:15 PM   12:15 AM +1   Dr. Brigitte Dorner   Invited Talk Dorner   Structural basis for CSPG4 as a and therapeutic target for C. diffi     10:15 AM   10:40 AM   4:40 PM   12:40 AM +1   Dr. Brigitte Dorner   Invited Talk Botulinum neurotoxins: New ff     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian Hurdle   Invited Talk Dorner   Botulinum neurotoxins: New ff     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Wiep Klass Smits   Invited Talk Hurdle   New from the dark side (of the Receptor specificity and function Clostridicide     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Juson Smits   Short talk Mehdicidehd   News from the dark		12:30 PM	1:30 PM	6:30 PM	2:30 AM +1	Poster Session I				
15   9:00 AM   9:25 AM   3:30 PM   11:30 PM   Dr. Roman   State-or Menyk   Unraveling the role of infresting function     9:25 AM   9:50 AM   3:25 PM   11:25 PM   Dr. Sabine Pellett   Invited Talk   Post-translational regulation neurotoxin production in <i>Clos bottlimm</i> Hall A-hyper     9:50 AM   10:15 AM   3:50 PM   11:50 PM   Dr. Christopher Peritore-Galve   Short talk   Glucosyltransferase-independent toxins A and B in the mouse mon afficial infection     10:15 AM   10:40 AM   4:15 PM   12:15 AM +1   Dr. Brighte Dorner   Invited Talk   Structural basis for CSPG4 as a and therapeutic target for <i>C. diff</i> 10:15 AM   10:40 AM   4:15 PM   12:15 AM +1   Dr. Brighte Dorner   Invited Talk   Structural basis for CSPG4 as a and therapeutic target for <i>C. diff</i> 10:15 AM   10:40 AM   4:40 PM   12:15 AM +1   Dr. Brighte Dorner   Invited Talk   How <i>C. dfffc/de</i> evolves resiste line involves detection appr and global epidemiology.     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian Hurdle   Invited Talk   How <i>C. dfffc/de</i> evolves resiste line indrustration of a <i>Clostridolo</i> myorius phage     11:15 AM   11:40 AM   5:15 PM   1:15 AM +1   Dr. Wiep Klasa Nits   <					Session	IV: Session Chair	– Dr. Chris Lo	pez		
Pellett neurotoxin production in <i>Closs Datulinum</i> Hall A-hyper   9:50 AM 10:15 AM 3:50 PM 11:50 PM Dr. Christopher Peritore-Galve Short talk Glucosyltransferase-independen toxins A and B in the mouse modificite infection   10:15 AM 10:40 AM 4:15 PM 12:15 AM +1 Dr. Brigitte Jin Short talk Botulinum neurotoxins: New finance Botulinum neurotoxins: New finance   10:40 AM 10:50 AM 4:40 PM 12:40 AM +1 Break Botulinum neurotoxins: New finance Botulinum neurotoxins: New finance Botulinum neurotoxins: New finance   10:40 AM 10:50 AM 4:40 PM 12:40 AM +1 Break Botulinum neurotoxins: New finance Botulinum neurotoxins: New finance   10:50 AM 11:15 AM 4:40 PM 12:50 AM +1 Break Invited Talk How <i>C. dfffcile</i> evolves resiste line drugs and its inpact on p   11:15 AM 11:40 AM 5:15 PM 1:15 AM +1 Dr. Wiep Klaas Invited Talk DAV c. dfffcile evolves resiste line drugs and its inpact on p   11:140 AM 12:05 PM 5:40 PM 1:40 AM +1 Dr. Wiep Klaas Short talk CryoEM structure and structural characlerisation of a <i>Clostridicid</i> myorirus phage   11:10 AM 12:05 PM 5:40 PM 1:40 AM +1 Dr. Horst Posthaus Short talk Newe from the dark side (of the p Receptor specificity and		9:00 AM	9:25 AM	3:00 PM	11:00 PM		the-art	Unraveling the role of intestinal bile acids in modulating <i>C. difficile</i> TcdB structure & function		
Peritore-Gaive toxins Å and B in the mouse mod difficile infection jin Short talk structure basis for CSPG4 as a and therapeutic target for <i>C. diffi</i> 10:15 AM 10:40 AM 4:15 PM 12:15 AM +1 Dr. Brigitte Dorner Invited Talk Botulinum neurotoxins: New for receptor binding and how they into innovative detection appr   10:40 AM 10:50 AM 4:40 PM 12:40 AM +1 Break Invited Talk Botulinum neurotoxins: New for receptor binding and how they into innovative detection appr   10:50 AM 11:15 AM 4:40 PM 12:50 AM +1 Dr. Julian Hurdle Invited Talk How <i>C. difficile</i> evolves resists line drugs and its impact on p and global epidemiology.   11:15 AM 11:40 AM 5:15 PM 1:15 AM +1 Dr. Wiep Klaas Smits Invited Talk How <i>C. difficile</i> evolves resists line drugs and its impact on p and global epidemiology.   11:40 AM 12:05 PM 5:40 PM 1:40 AM +1 Dr. Jason Wilson Short talk News from the dark side (of the Receptor specificity and function Clostridioid myovirus phage   12:05 PM 12:20 PM 6:05 PM 2:05 AM +1 Anthony Pannulo Flash Talk Mehdizadeh Gohari News from the dark side (of the Receptor specificity and function Clostridioides difficite   12:05 PM 12:20 PM 6:05 PM 2:05 AM +1 Anthony Pannulo Flash Talk Mehdizadeh Gohari Adenosine receptors differential enterior gial ce		9:25 AM	9:50 AM	3:25 PM	11:25 PM		Invited Talk	Post-translational regulation of botulinum neurotoxin production in <i>Clostridium</i> <i>botulinum</i> Hall A- <i>hyper</i>		
Jin   and therapeutic target for <i>C. dfff</i> 10:15 AM   10:40 AM   4:15 PM   12:15 AM +1   Dr. Brigitte Dorner   Invited Talk   Botulinum neurotoxins: New fill     10:40 AM   10:50 AM   4:40 PM   12:40 AM +1   Break     Session Chair – Dr. Meera Unnikrishnan     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian Hurdle   Invited Talk   How <i>C. dfffcile</i> evolves resists into innovative detection appr and global epidemiology.     11:15 AM   11:40 AM   5:15 PM   1:15 AM +1   Dr. Viep Klaas Smits   Invited Talk   How <i>C. dfffcile</i> evolves resists into innovative detection in <i>Clostridioid</i> a potential target for antimicro and global epidemiology.     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason Wilson   Short talk   CryoEM structure and structural characterisation of a <i>Clostridioid</i> myovirus phage     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component System clostridium perfringens beta toxi clostridium perfringens beta toxi     12:05 PM   12:3		9:50 AM	10:15 AM	3:50 PM	11:50 PM		Short talk	Glucosyltransferase-independent effects of toxins A and B in the mouse model of <i>C. difficile</i> infection		
Dorner   receptor binding and how they into innovative detection appr     10:40 AM   10:50 AM   4:40 PM   12:40 AM +1   Break     Image: Session V: Session Chair – Dr. Meera Unnikrishnan     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian   Invited Talk   How C. difficile evolves resistat     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian   Invited Talk   How C. difficile evolves resistat     11:15 AM   11:40 AM   5:15 PM   1:15 AM +1   Dr. Wiep Klaas   Invited Talk   DNA replication in Clostridioid apotential target for antimicro     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason   Short talk   CryoEM structure and structural characterisation of a Clostridioid myovirus phage     11:40 AM   12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Dr. Horst Posthaus   Short talk   News from the dark side (of the e Receptor specificity and function in Clostridioid myovirus phage     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Panullo   Flash Talk   Identifying the basis for VirS/Vir Mehdizadeh Gohari   Identifying the basis for VirS/Vir Mehdizadeh Gohari   Clostridioid art for the origina da Silva Costa   Clostridioides difficile toxins A						-	Short talk	Structural basis for CSPG4 as a key receptor and therapeutic target for <i>C. difficile</i> toxin B		
Session V: Session Chair – Dr. Meera Unnikrishnan     10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian Hurdle   Invited Talk Invited Talk   How C. difficile evolves resists line drugs and its impact on pr and global epidemiology.     11:15 AM   11:40 AM   5:15 PM   1:15 AM +1   Dr. Wiep Klaas Smits   Invited Talk   DNA replication in Clostridiolo a potential target for antimicro of a clostridiolo apotential target for antimicro     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason Wilson   Short talk   CryoEM structure and structural characterisation of a Clostridiol myovirus phage     12:05 PM   12:05 PM   5:40 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   News from the dark side (of the e Receptor specificity and function Clostridium perfringens beta-toxi and its Role in Daptomycin Resi difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resi difficile     12:05 PM   12:20 PM   12:30 PM   6:20 PM   2:40 AM +1   Break     12:20 PM   12:30 PM   6:30 PM   2:40 AM +1   Break     12:30 PM   1:30 PM   6:30 PM   2:40 AM +1   Break   Costar		10:15 AM	10:40 AM	4:15 PM	12:15 AM +1	-	Invited Talk	Botulinum neurotoxins: New findings on receptor binding and how they translate into innovative detection approaches.		
10:50 AM   11:15 AM   4:40 PM   12:50 AM +1   Dr. Julian Hurdle   Invited Talk   How C. difficile evolves resistat line drugs and its impact on pr and global epidemiology.     11:15 AM   11:40 AM   5:15 PM   1:15 AM +1   Dr. Wiep Klaas Smits   Invited Talk   DNA replication in Clostridicio a potential target for antimicro apotential target for antimicro characterisation of a Clostridicio myovirus phage     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason Wilson   Short talk   News from the dark side (of the Receptor specificity and function Clostridium perfringens beta-toxi and its Role in Daptomycin Resi difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resi difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resi difficile     12:05 PM   12:20 PM   6:05 PM   2:40 AM +1   Break   Flash Talk   Adenosine receptors differentiall enteric glial cell death induced b Clostridivides difficile toxins A ar     12:20 PM   12:30 PM   6:30 PM   2:40 AM +1   Break   Poster S		10:40 AM	10:50 AM	4:40 PM	12:40 AM +1	Break				
Hurdle   line drugs and its impact on prand global epidemiology.     11:15 AM   11:40 AM   5:15 PM   1:15 AM+1   Dr. Wiep Klaas Smits   Invited Talk a potential target for antimicro     11:40 AM   12:05 PM   5:40 PM   1:40 AM+1   Dr. Jason Wilson   Short talk characterisation of a Clostridioid myovirus phage     11:40 AM   12:05 PM   5:40 PM   1:40 AM+1   Dr. Horst Posthaus   Short talk characterisation of a Clostridioid myovirus phage     12:05 PM   12:20 PM   6:05 PM   2:05 AM+1   Anthony Pannullo   Flash Talk Gottinum perfringens beta-toxi     12:05 PM   12:20 PM   6:05 PM   2:05 AM+1   Dr. Iman Medizadeh Gohari   Flash Talk Cherristing the basis for VirS/Virf Component Systand its Role in Daptomycin Resis difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM+1   Dr. Iman Medizadeh Gohari   Flash Talk Cherristing performens beta toxi Clostridioid my perfringens beta toxi Clostridioid					Session V: S	Session Chair – Dr	. Meera Unniki	rishnan		
Smits   a potential target for antimicro     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason Wilson   Short talk   CryoEM structure and structural characterisation of a <i>Clostridioid</i> myovirus phage     11:40 AM   12:05 PM   5:40 PM   1:40 AM +1   Dr. Jason Wilson   Short talk   CryoEM structure and structural characterisation of a <i>Clostridioid</i> myovirus phage     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   News from the dark side (of the g Receptor specificity and function <i>Clostridium perfringens</i> beta-toxi and its Role in Daptomycin Residing difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   Identifying the basis for VirS/Virfic component regulatory system cc <i>Clostridium perfringens</i> beta toxi Original cell death induced by Costa     12:20 PM   12:30 PM   6:20 PM   2:40 AM +1   Break     12:20 PM   12:30 PM   6:30 PM   2:30 AM +1   Poster Session II     I:30 - 2:30 PM EDT (7:30 - 8:30 PM, Munich)		10:50 AM	11:15 AM	4:40 PM	12:50 AM +1		Invited Talk	How <i>C. difficile</i> evolves resistance to first- line drugs and its impact on patient care and global epidemiology.		
Wilson   characterisation of a Clostridioid myovirus phage     Dr. Horst   Posthaus   Short talk   News from the dark side (of the Receptor specificity and function Clostridium perfringens beta-toxi     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo     Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resist difficile     Dr. Iman   Dr. Iman   Flash Talk   Identifying the basis for VirS/Virf Component regulatory system component regulat		11:15 AM	11:40 AM	5:15 PM	1:15 AM +1		Invited Talk	DNA replication in <i>Clostridioides difficile</i> , a potential target for antimicrobials		
Posthaus   Receptor specificity and function Clostridium perfringens beta-toxi     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resis difficile     12:05 PM   12:20 PM   6:05 PM   2:05 AM +1   Anthony Pannullo   Flash Talk   The Novel Two-Component Syst and its Role in Daptomycin Resis difficile     12:00 PM   12:20 PM   6:05 PM   2:05 AM +1   Dr. Iman Mehdizadeh Gohari   Flash Talk   Identifying the basis for VirS/VirF component regulatory system co Clostridium perfringens beta toxi     12:20 PM   12:30 PM   6:20 PM   2:40 AM +1   Break     12:30 PM   1:30 PM   6:30 PM   2:30 AM +1   Poster Session II     I:30 - 2:30 PM EDT (7:30 - 8:30 PM, Munich)		11:40 AM	12:05 PM	5:40 PM	1:40 AM +1		Short talk	characterisation of a Clostridioides difficile		
Pannullo and its Role in Daptomycin Resis difficile Dr. Iman Mehdizadeh Gohari Dr. Deiziane Viana da Silva Costa 12:20 PM 12:30 PM 6:20 PM 2:40 AM +1 12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 Hash Talk Dr. Deiziane Viana da Silva Costa Hash Talk Viana da Silva Costa Hash Talk Viana da Silva Clostridioides difficile toxins A ar 12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 Hash Talk Viana da Silva Costa Hash Talk Adenosine receptors differentiall enteric glial cell death induced by Clostridioides difficile toxins A ar 12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 Hash Talk Viana da Silva Costa Hash Talk Viana da Silva Clostridioides difficile toxins A ar Hash Talk Hash Talk Adenosine receptors differentiall enteric glial cell death induced by Clostridioides difficile toxins A ar Hash Talk Hash Talk Hash Talk Hash Talk Adenosine receptors differentiall enteric glial cell death induced by Clostridioides difficile toxins A ar Hash Talk Hash Talk							Short talk	News from the dark side (of the gut): Receptor specificity and function of <i>Clostridium perfringens</i> beta-toxin.		
Mehdizadeh Gohari Clostridium perfringens beta toxi Dr. Deiziane Viana da Silva Costa Flash Talk Adenosine receptors differentiall enteric glial cell death induced by Costa 12:20 PM 12:30 PM 6:20 PM 2:40 AM +1 Break 12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 Poster Session II 1:30 - 2:30 PM EDT (7:30 - 8:30 PM, Munich)		12:05 PM	12:20 PM	6:05 PM	2:05 AM +1		Flash Talk	The Novel Two-Component System DraRS and its Role in Daptomycin Resistance in <i>C. difficile</i>		
Viana da Silva Costa enteric glial cell death induced b Clostridioides difficile toxins A ar 12:20 PM 12:30 PM 6:20 PM 2:40 AM +1 Break 12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 Poster Session II 1:30 - 2:30 PM EDT (7:30 - 8:30 PM, Munich)						Mehdizadeh	Flash Talk	Identifying the basis for VirS/VirR two- component regulatory system control of <i>Clostridium perfringens</i> beta toxin production		
12:30 PM 1:30 PM 6:30 PM 2:30 AM +1 <b>Poster Session II</b> 1:30 - 2:30 PM EDT (7:30 - 8:30 PM, Munich)						Viana da Silva	Flash Talk	Adenosine receptors differentially mediate enteric glial cell death induced by <i>Clostridioides difficile</i> toxins A and B		
1:30 – 2:30 PM EDT (7:30 – 8:30 PM, Munich)		12:20 PM	12:30 PM	6:20 PM	2:40 AM +1	Break				
		12:30 PM	1:30 PM	6:30 PM	2:30 AM +1	Poster Session I	I			
Day Start End EDT Munich, Melbourne, Presenter Format Title/ Subject   EDT Europe Australia Australia Australia Australia Australia	Day		End EDT	Munich,	Melbourne,		•			

Thursday, September 16	9:00 AM	9:25 AM	3:00 PM	11:00 PM	Dr. Eric Skaar	State-of- the-Art Lecture	<i>Clostridioides difficile</i> strategies to survive nutrient metal deprivation and excess.			
	9:25 AM	9:50 AM	3:25 PM	11:25 PM	Dr. Lynn Bry	Invited Talk	Commensal control of <i>C. difficile</i> virulence.			
	9:50 AM	10:15 AM	3:50 PM	11:50 PM	Andrea Martinez Aguirre	Short talk	Bile acid independent protection against <i>C. difficile</i> infection			
					German Vargas- Cuebas	Short talk	Impact of glycine Stickland metabolism on <i>Clostridioides difficile</i> pathogenesis and its regulation in response to the host peptide LL-37			
	10:15 AM	10:40 AM	4:15 PM	12:15 AM +1	Dr. Nobuhiko Kamada	Invited Talk	Microbe-metabolite-host interactions in the protection against <i>Clostridioides difficile</i> infection			
	10:40 AM	10:50 AM	4:40 PM	12:40 AM +1	Break					
	Session VII: Session Chair – Dr. Michael Abt									
	10:50 AM	11:15 AM	4:40 PM	12:50 AM +1	Dr. Simon Hirota	Invited Talk	The interplay between neutrophils and innate lymphoid cells during TcdA/B- induced intestinal injury			
	11:15 AM	11:40 AM	5:15 PM	1:15 AM +1	Dr. Zahidul Alam	Short talk	IL-10 producing regulatory T cells limits type 1 inflammation during persistent <i>C.</i> <i>difficile</i> infection and supports fecal microbiota transplantation engraftment			
					Dr. Esther Duperchy	Short talk	Metagenomic analysis of the impact of the precision antibiotic ridinilazole, compared to vancomycin, on the gut resistome in a Phase 2 study			
	11:40 AM	12:05 PM	5:40 PM	1:40 AM +1	Dr. Thomas Louie	Invited talk	Fecal Microbiota Transplantation for recurrent CDI: Fine tuning and a paradigm shift improves safety and retains efficacy			
	12:05 PM	12:15 PM	6:05 PM	2:05 AM +1	Concluding Remarks		·			
	12:15 PM	12:30 PM	6:15 PM	2:15 AM +1	Break					
	12:30 PM	1:30 PM	6:30 PM	2:30 AM +1	Career Panel					