

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

Day	Start EDT	End EDT	Munich, Europe	Melbourne, Australia	Presenter	Format	Title/ Subject
Monday, September 13	3:30 PM	4:45 PM	6:30 PM	5:30 AM +1			Young Scientist's Pre-Meeting
	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	<i>Paeniclostridium sordellii</i> -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
	6:50 PM – 7:50 PM EDT (12:50 – 1:50 AM, Munich, 8:50 – 9:50 AM Melbourne) Social Hour – Zoom Breakout Rooms (Dr. Vincent Young)						
Tuesday, September 14	Session II: Session Chair – Dr. Erin Purcell						
	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 ₂ 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 NanI sialidase of <i>Clostridium perfringens</i>
	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 difficile</i> anti-toxin antibodies
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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 difficile</i> 630Δ <i>erm</i>
					Ajitha Sundaresan	Flash Talk	A germination interaction study of <i>Clostridium novyi</i> -NT spores reveals a novel non-canonical D-Amino acid germinant
					Dr. PJ Hensbergen	Flash Talk	Novel insights in the structure and biosynthesis of the <i>Clostridioides difficile</i> flagellin C (FliC) Type A modification
	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		

Wednesday, September 15	Session IV: Session Chair – Dr. Chris Lopez						
	9:00 AM	9:25 AM	3:00 PM	11:00 PM	Dr. Roman Melnyk	State-of-the-art Lecture	Unraveling the role of intestinal bile acids in modulating <i>C. difficile</i> TcdB structure & function
	9:25 AM	9:50 AM	3:25 PM	11:25 PM	Dr. Sabine Pellett	Invited Talk	Post-translational regulation of botulinum neurotoxin production in <i>Clostridium botulinum</i> Hall A- <i>hyper</i>
	9:50 AM	10:15 AM	3:50 PM	11:50 PM	Dr. Christopher Peritore-Galve	Short talk	Glucosyltransferase-independent effects of toxins A and B in the mouse model of <i>C. difficile</i> infection
					Dr. Rongshen Jin	Short talk	Structural basis for CSPG4 as a key receptor and therapeutic target for <i>C. difficile</i> toxin B
	10:15 AM	10:40 AM	4:15 PM	12:15 AM +1	Dr. Brigitte Dörner	Invited Talk	Botulinum neurotoxins: New findings on receptor binding and how they translate into innovative detection approaches.
	10:40 AM	10:50 AM	4:40 PM	12:40 AM +1	Break		
	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	How <i>C. difficile</i> evolves resistance to first-line drugs and its impact on patient care 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 <i>Clostridioides difficile</i> , a potential target for antimicrobials
	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>Clostridioides difficile</i> myovirus phage
					Dr. Horst Posthaus	Short talk	News from the dark side (of the gut): Receptor specificity and function of <i>Clostridium perfringens</i> beta-toxin.
	12:05 PM	12:20 PM	6:05 PM	2:05 AM +1	Anthony Pannullo	Flash Talk	The Novel Two-Component System DraRS and its Role in Daptomycin Resistance in <i>C. difficile</i>
					Dr. Iman Mehdizadeh Gohari	Flash Talk	Identifying the basis for VirS/VirR two-component regulatory system control of <i>Clostridium perfringens</i> beta toxin production
					Dr. Deiziane Viana da Silva Costa	Flash Talk	Adenosine receptors differentially mediate enteric glial cell death induced by <i>Clostridioides difficile</i> toxins A and B
	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) Social Hour – Zoom Breakout Rooms (Dr. Vincent Young)							

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	Session VI: Session Chair – Dr. Andrew Hryckowian						

Thursday,
September
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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. 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		