

Program

AOTrauma 8th Annual Meeting
Clinical Priority Program (CPP)

Bone Infection

September 21, 2019 Vienna, Austria



Home to
Trauma &
Orthopedics

Dear Collaborators, dear guests,

It is our pleasure to announce AOTrauma's 8th Annual Meeting on "CPP Bone Infection". The meeting is a forum for all those involved in the improvement for the treatment of bone infections. This symposium will be attended by clinicians and researchers.

Participants will have the opportunity to benefit from presentations and discussions on the latest research results achieved within the AOTrauma Clinical Priority Program on "Bone Infection". AOTrauma takes great pleasure in inviting you to participate.

We look forward to seeing you in Vienna!

Chairpersons



Stephen L. Kates
Richmond, USA



Edward Schwarz
Rochester, USA

Key note speaker



Gang Li
Department of Orthopaedics & Traumatology
Faculty of Medicine, The Chinese University of Hong Kong

List of speakers

Bader Oliver	Göttingen, Germany	Li Gang	Hong Kong
Bentley Karen	Rochester, USA	Masters Elysia	Rochester, USA
Ciriello Simona	Davos, Switzerland	Metsemakers Willem-Jan	Leuven, Belgium
Daiss John	Rochester, USA	Morita Yugo	Rochester, USA
D'Este Matteo	Davos, Switzerland	Muthukrishnan G.	Rochester, USA
Gill Steven	Rochester, USA	Onsea Jolien	Davos, Switzerland
Foster Andrew	Davos, Switzerland	Puetzler Jan	Münster, Germany
Harten Robert	DePuy Synthes, Switzerland	Schwarz Edward	Rochester, USA
Kates Stephen	Richmond, USA	Xie Chao	Rochester, USA

Meeting objectives

AOTrauma CPP Bone Infection 8th Annual Meeting

Upon completion of this event participants will be better able to:

- Recognize issues with biofilms and bacterial defenses against the immune system.
- Describe why resistant organisms are a serious problem in care.
- Understand an appropriate diagnostic work-up for infection.
- Recognize issues with the management of post-surgical infection.

Saturday, September 21, 2019

TIME	AGENDA ITEM	WHO
08:30–08:45	Welcome to the CPP partners and guests	S Kates
08:45–09:00	CPP Bone Infection—a success story	S Kates
09:00–09:20	Trojan horse macrophages in <i>S. aureus</i> sepsis and anti-CD163 mAb therapy	Y Morita
09:20–09:40	Deriving a dose and regimen for anti-glucosaminidase antibody passive-immunization for patients with <i>S. aureus</i> osteomyelitis	E Schwarz
09:40–10:00	Diagnosing and prognosing a patient's <i>S. aureus</i> MSKI by assessing their adaptive immune response	J Daiss
10:00–10:15	Discussion	All
10:15–10:35	COFFEE BREAK I	
10:35–10:55	Developing methods to characterize bacterial colonization of bone	K de Mesy Bentley
10:55–11:15	Cloning <i>S. aureus</i> Haptotaxis and Durotaxis genes and novel antibiotic targets	E Masters
11:15–11:35	Type-2 diabetes associated immunodeficiency and gut microbiome in osteomyelitis	S Gill
11:35–11:50	Discussion	All
11:50–13:10	LUNCH	
	KEY NOTE SPEECH	
13:10–13:40	Bone transverse transport technique for the management of diabetic ulcer and related bone infections	G Li
13:40–13:55	Discussion	All
13:55–14:10	CPP Infection Registry: Progress report	S Kates, C Xie
14:10–14:25	Progress of the Prevention of Surgical Site Infection (AOTPOSSI)	S Kates
14:25–14:40	Establishment of MALDI-TOF in diagnostics of implant-associated or periprosthetic joint infections	O Bader
14:40–14:55	Update from the FRI consensus group: Publications, app development and future perspectives	W Metsemakers
14:55–15:10	Discussion	All
15:10–15:30	MRSA infection in a large animal model: Treatment with hydrogel and systemic antibiotics in a one stage exchange	A Foster
15:30–15:50	COFFEE BREAK II	
15:50–16:00	Gengel2: Development of a hydrogel for local antibiotic delivery	M D'Este
16:00–16:20	Influence of early or delayed treatment on infection rate with Methicillin susceptible <i>S. aureus</i> in a rabbit fracture mode	J Pützler
16:20–16:40	A humanized mouse model for investigating <i>S. aureus</i> implant-associated infections	G Muthukrishnan
16:40–17:00	BacterioPHAGE therapy for fracture-related infection due to <i>S. aureus</i>	J Onsea
17:00–17:10	Discussion	All
17:10–17:20	Industrial Partnership: DePuy Synthes initiatives in bone infection	R Harten
17:20–17:25	AOTrauma CPP Bone Infection web page	S Ciriello
17:25–17:30	Wrap-up meeting	S Kates
17:30	END OF MEETING	

Venue and Hotel

Meeting Location

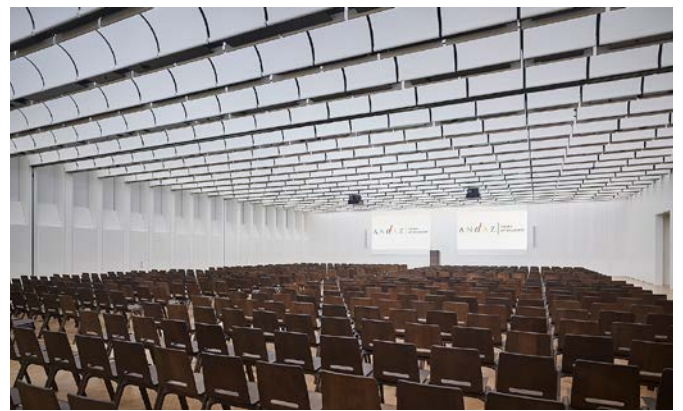
Andaz Vienna Am Belvedere
Meeting room "Lower Belvedere 3"
Arsenalstraße 10, 1100 Vienna
Austria
<https://tinyurl.com/aotcpp2019>

Accommodation

Andaz Vienna Am Belvedere
Arsenalstraße 10, 1100 Vienna
Austria



<https://tinyurl.com/aotcpp2019>



In collaboration





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