

Program

AOTrauma 6th Annual Meeting
Clinical Priority Program (CPP)

Bone Infection

October 7, 2017 Berlin, Germany



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Trauma &
Orthopedics

Dear Collaborators, dear guests,

It is our pleasure to announce AOTrauma's 6th 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 Berlin!

Chairpersons



Stephen L. Kates
Richmond, USA



Edward Schwarz
Rochester, USA

List of speakers

Awad Hani	Rochester, USA	Moriarty Fintan	Davos, Switzerland
Beil Frank	Göttingen, Germany	Post Virginia	Davos, Switzerland
Bentley Karen	Rochester, USA	Puetzler Jan	Münster, Germany
Kates Stephen	Richmond, USA	Schwarz Edward	Rochester, USA
Mehta Samir	Philadelphia, USA	Stanic Barbara	Davos, Switzerland
Metsemakers Willem-Jan	Leuven, Belgium	Stylianaki Aikaterini	Davos, Switzerland
Moed R. Berton	Saint Louis, USA	Trombetta Ryan	Rochester, USA
Mooney Robert	Rochester, USA	Vallejo Alejandro	Davos, Switzerland
Morgenstern Mario	Basel, Switzerland	Zimmerli Claudia	Davos, Switzerland

Meeting objectives

AOTrauma CPP Bone Infection 6th 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, October 7, 2017

TIME	AGENDA ITEM	WHO
08:30–08:45	Welcome of the CPP Partners and Guests	S Kates
08:45–09:05	AOTRC: Success of CPPs – new focus on Clinical Outcome Measurements of Fracture Treatments	B Moed
09:05–09:20	CPP Bone Infection: the first five years and the next five years	S Kates
09:20–09:35	Final report: Synergistic effects of combination antibiotic and immunotherapy demonstrated in a novel murine one-stage exchange model of methicillin-resistant <i>Staphylococcus aureus</i> implant-associated osteomyelitis	E Schwarz
09:35–09:50	Final report: Elucidating the mechanism of Anti-IsdB antibody-mediated <i>S. aureus</i> Sepsis and death following surgical site infection in a MRSA implant-associated osteomyelitis model	E Schwarz
09:50–10:10	Staphylococcus aureus Colonization of Canaliculi during bone infection	K Bentley
10:10–10:30	Discussion	ALL
10:30–10:50	COFFEE BREAK	ALL
10:50–11:10	Adaptive upregulation of clumping factor A (clfA) by <i>S. aureus</i> is critical in mediating increased osteomyelitis risk in obese/type 2 diabetic hosts	R Mooney
11:10–11:25	Report on ARI infection – related project Recent studies on the prevention and treatment of fracture related infection in the ARI rabbit humeral model	A Vallejo
11:25–11:40	Report on ARI infection – related project Final report: A comparative genomics study of Staphylococcal orthopedic device-related infections correlated with patient outcome.	V Post
11:40–11:55	Report on ARI infection – related project Feasibility study report: Investigating the effect of the inflammatory response to trauma on local antibacterial defenses	A Stylianaki
11:55–12:10	Report on ARI infection – related project Immunogenic peptides of Staphylococcus epidermidis identified by immunoprecipitation of patient MENSA	B Stanic
12:10–12:25	Final report: 3D-printing of custom antibiotic impregnated spacers for 1-stage revisions of MRSA implant-associated osteomyelitis	H Awad, R Trombetta
12:25–12:40	CPP Infection Registry: progress report	S Kates, C Zimmerli
12:40–13:00	Discussion	ALL
13:00–14:00	LUNCH	ALL

Saturday, October 7, 2017 (cont.)

TIME	AGENDA ITEM	WHO
14:00–14:30	An internal Consortium for Prevention of Surgical Site Infection (AOT POSSI)	S Kates
14:30–14:50	Establishment of MALDI -TOF in diagnostic of implant-associated of periprosthetic joint infections	F Beil
14:50–15:10	Diagnosis of Orthopedic Trauma Related infections at the Intersection of the Transcritors and Microbiome	S Metha
15:10–15:30	High-energy focused extracorporeal shockwave as supplement treatment in infections after fracture fixation in rabbits	J Puetzler
15:30–15:50	Discussion	ALL
15:50–16:10	COFFEE BREAK	ALL
16:10–16:30	A successful conclusion to education about infection	S Kates
16:30–16:40	Consensus meeting on treatment of Fracture-Related Infection	W Metsemakers
16:40–16:50	New idea: Infection App	M Morgenstern
16:50–17:20	Discussion	ALL
17:20–17:30	Wrap up meeting	S Kates
17:30	END OF MEETING	

Venue and Hotel

Meeting Location

Kempinski Hotel Bristol Berlin

Meeting room: "Schlosssaal 1"

Kurfürstendamm 27

10719 Berlin, Germany

www.kempinskiberlin.de

Accommodation

Kempinski Hotel Bristol Berlin

Kurfürstendamm 27

10719 Berlin, Germany

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