**AO Trauma Course on Bone and Implant Infection**

**Chairs**

Dr. Dan Putineanu

(Department of Orthopaedic and Trauma Surgery, University Hospital St. Luc, Brussels, Belgium)

Dr. Willem-Jan Metsemakers

(Department of Trauma Surgery, University Hospitals Leuven, Belgium)

**International Faculty**

Fintan Moriarty

(AO Research Institute, Davos, Switzerland)

Prof. dr. Michiel Verhofstad

(Department of Trauma Surgery, Erasmus University Hospital, Netherlands)

Dr. Sven Hungerer (Department of Septic and Reconstructive Surgery, Trauma Centre Murnau, Germany)

Dr. Mario Morgenstern

(Department of Septic and Reconstructive Surgery, Trauma Centre Murnau, Germany)

**National Faculty**

Prof. dr. Piet Reynders (Department of Orthopaedic and Trauma Surgery, Brugmann University Hospital, Brussels, Belgium)

Prof. dr. Olivier. Cornu

(Department of Orthopaedic and Trauma Surgery, University Hospital St. Luc, Brussels, Belgium)

Dr. Guy Putzeys (Department of Orthopaedic and Trauma Surgery, Academic Hospital AZ Groeninge, Kortrijk, Belgium)

Prof. dr. Jan Vranckx

(Department of Plastic and Reconstruction Surgery, University Hospitals Leuven, Belgium)

Prof. dr. Jean Cyr Yombi

(Department of Internal Medicine – Infectious Diseases, University Hospital St. Luc, Brussels, Belgium)



**Program**

08.30 – 09.00 Registration

09.00 – 09.15 Infection in trauma – where are we today? D. Putineanu

**Basic science**

09.15 – 09.45 Keynote lecture: basic science of bone infection? F. Moriarty

09.45 – 10.00 Preclinical research on infection. WJ. Metsemakers

10.00 – 10.15 Staphylococcal implant infection studies. M. Morgenstern

10.15 – 10.45 Coffee break

**Trauma and infection**

10.45 – 11.15 Keynote lecture: infection prevention in open fractures. P. Reynders

11.15 – 11.30 Soft tissue preservation and reconstruction in open fractures. J. Vranckx

11.30 – 12.00 Keynote lecture: diagnosis and treatment of bone infections.

WJ. Metsemakers

**Non-union and infection**

12.00 – 12.30: Keynote lecture: infected non-union: were do we stand? M. Verhofstad

12.30 – 13.30 Lunch break

13.30 – 13.45: Bone defect reconstruction with allografts after infected non-union. O.Cornu

**Discussion topics**

13.45 – 14.15: VAC in implant associated infections: do or don’t? D. Putineanu

14.15 – 14.45: One or two stage revisions in PJI? S. Hungerer

14.45 – 15.15: Coffee break

15.15 – 16.00 Case based discussions.

**Antibiotics and infection**

16.00 – 16.30 Keynote lecture: Antibiotic treatment in bone and implant infection: current opinion in Belgium. JC. Yombi

16.30 – 16.45 The use of local antibiotics in combination with bone grafting in traumatic bone defects. G. Putzeys

16.45 Closing remarks. D. Putineanu