

Programme and abstracts



EBJIS 2019

38th Annual Meeting of the European
Bone and Joint Infection Society

12 - 14 September 2019 · Antwerp · Belgium



www.ebjis19.org



Social events

WELCOME RECEPTION

Date 12 September 2019
Time 18.00 - 20.00
Place Grand Café Horta
Hopland 2
2000 Antwerp

The Welcome Reception will take place at the Grand Café Horta of Antwerp at 18:00-20:00. Make sure to be there for an evening full of surprises.
NB: The reception is included in the registration fee.

EBJIS GALA DINNER

Date 13 September 2019
Time 20.00 - 23.00
Place Marble Hall at the conference venue
NB: Please enter through the entrance to the Zoo located a few meters away from the conferences venue on the Koningin Astridplein square.

The gala dinner will take place in the beautiful Marble Hall located at the conference venue. The Marble Hall is the historical heart of the complex and one of the architectonic highlights of Art Nouveau in Belgium.

The dinner includes an aperitif and a 3-course dinner. You will also be invited to join an evening walk in the beautiful Antwerp zoo located right by the Marble Hall!
NB: The dinner is not included in the registration fee.

CONFERENCE SECRETARIAT

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Programme overview

Thursday 12 September 2019

	Room: Queen Elizabeth Hall	Room: Okapi room 1&2
07.00	Registration	
08.30 - 08.50	Welcome & Opening Ceremony	
08.50 - 09.45	Key session 1: Fracture-related infection: current concepts I	
09.50 - 10.50	Key session 2: Fracture-related infection: Current concepts II	Free Papers A: Microbiological diagnosis
10.50 - 11.20	Coffee, poster visit and exhibition	
11.20 - 13.15		Country Delegates Meeting (This meeting is by invitation only)
11.20 - 12.50	Free Papers B: Clinical research on fracture PJ related infection/DAIR	Free Papers C: Basic and translational research
12.50 - 14.00	Lunch	
12.55 - 13.55	Industry Symposium A in Okapi Room 3	Industry Symposium B
14.00 - 15.00	Key session 3: Bacterial-Implant Interactions	Free papers D: Clinical research on antimicrobial efficacy and tolerance
15.00 - 15.50	Free Papers E: Clinical research on Diabetic foot infection/Trauma	Key session 4: EBJIS abroad project
15.50 - 16.20	Coffee, poster visit and exhibition	
16.20 - 17.20	Key Session 5: Battles / Questions in debate Pro /Contra	Free Papers F: Infections treatment in developing countries
18.00 - 20.00	Welcome Drinks Reception at Grand Café Horta Address: Hopland 2 - 2000 Antwerp	

Friday 13 September 2019

	Room: Queen Elizabeth Hall	Room: Okapi room 1&2
7.45 -	Registration	
08.30 - 09.30	Key Session 6: Innovation in treatment of biofilm related Infection	Free Papers G: Clinical research on PJ related infection /one stage/two stage
09.30 - 10.30	Key Session 7: Improvement in microbiological diagnosis	Free Papers H: Clinical research on OA infection - diagnostic management
10.30 - 11.00	Coffee, poster visit and exhibition	
11.00 - 11.50	ICM Philly - Follow up	Free Papers I: Clinical research on fracture related infection (11:00-11:55)
11.55 - 12.25	New diagnostic criteria for PJI - EBJIS Executive Committee	
12.25 - 12.50	JBJS/MSIS symposium Top 5-10 best papers published in the JBJS	
12.50 - 14.00	Lunch	
12.55 - 13.55	Industry Symposium C in Okapi Room 3	Industry Symposium D
14.00 - 15.00	Key Session 8: Outpatient parenteral antimicrobial therapy	Key Session 9: How to prevent OA infection better?
15.00 - 16.00	Free Papers J: Infection and Hospital / Health care management	Free Papers K: Miscellaneous
16.00 - 16.30	Coffee, poster visit and exhibition	
16.30 - 17.30	Key session 10: Battles / Questions in debate Pro /Contra	Free papers L: Basic and translational research
17.45 - 19.00		General Assembly (for EBJIS members, by invitation only) NB! This meeting takes place at Okapi room 1&2.
20.00 - 23.00	EBJIS Gala Dinner Marble Hall at the congress venue	

Saturday 14 September 2019

	Room: Queen Elizabeth Hall	Room: Okapi room 1&2
9.00 - 10.00	Key Session 11: Bacteriophage therapy	Free Papers M: Clinical research on PJI prevention
10.00 - 10.30	Coffee, poster visit and exhibition	
10.30 - 12.00	Best Papers Session	
12.05 - 12.30	Honorary lecture: Will bacteria overcome humans?	
12.30.12.45	Closing Remarks & Prizes	
12.45 - 14.00	Farewell lunch	

Room: Queen Elizabeth Hall		
7.00	Registration	
8.30 - 8.50	Welcome & Opening Ceremony	Olivier Cornu & Martin McNally
8.50 - 9.45	Key session 1: Fracture-related infection: current concepts I	Chairs: Martin McNally & Willem-Jan Metsemakers
8.50 - 9.05	Current concepts on Diagnosis	Geertje Govaert
9.05 - 9.20	Problems of classifying Fracture-related infections	Mario Morgenstern
9.20 - 9.35	General treatment principles	Willem-Jan Metsemakers
9.35 - 9.45	Discussion	
9.50 - 10.50	Key session 2: Fracture-related infection: Current concepts II	Chairs: Andrej Trampuz & Guy Putzeys
9.55 - 10.10	Key aspects of soft tissue management	Alex Ramsden
10.10 - 10.25	Local antimicrobial strategies and dead space management	Marc Hanschen
10.25 - 10.40	Key aspects of antibiotic therapy	Andrej Trampuz
10.40 - 10.50	Discussion	
10.50 - 11.20	Coffee - Posters - Exhibition	
11.20 - 12.50	Free Papers B: Clinical research on fracture PJ related infection/DAIR (10 x 6 min + 2 min)	Chairs: Martin Clauss & Jean-Cyr Yombi
11.20 - 11.28	FP7 Early debridement, antibiotics and implant retention (DAIR) procedures in complicated wound healing after total joint arthroplasty – are elevated synovial fluid leukocyte counts accurate in differentiating superficial from deep infections?	André Dias Carvalho
11.28 - 11.36	FP8 DAIR procedure in prosthetic joint infection: predictive tools of failure	Olivier Cornu
11.36 - 11.44	FP9 Management of early periprosthetic joint infection with debridement-irrigation, antibiotic therapy and implant retention: postoperative positive suction drainage fluid culture is a predictive factor of failure	Benoît Villain
11.44 - 11.52	FP10 Debridement, antibiotics and implant retention is still a viable treatment option in early periprosthetic joint infection presenting more than six weeks after index arthroplasty	Claudia Löwik
11.52 - 12.00	FP11 No difference in 1-year re-revision rate after debridement antibiotics and implant retention (dair) by timing of dair procedure for total hip and knee arthroplasty in acute postoperative infections based on Dutch registry data	Jakob van Oldenrijk
12.00 - 12.05	Discussion	

Room: Okapi room 1&2		
Registration		
9.50 - 10.50	Free Papers A: Microbiological diagnosis (6 x 6 min + 2 min)	
9.50 - 9.58	FP1 Improved microbiological diagnosis of prosthetic joint infections by using beadmill processing of tissue samples and blood culture bottles	Karlien Vanhouteghem
9.58 - 10.06	FP2 Preoperative cultures of synovial fluid poorly predict the intraoperatively detected pathogen in PJI	Nora Renz
10.06 - 10.14	FP3 Diagnostic value of the unyvero implant and tissue infection (iti) multiplex pcr system for ruling out prosthetic joint infection in 200 unsuspected revisions of knee and hip arthroplasty	Jon Goosen
10.14 - 10.22	FP4 Advantages in diagnostics of orthopedic implant infection using incubation of explants	Arnold Suda
10.22 - 10.30	FP5 Mid-infrared spectroscopy for a rapid diagnosis of septic arthritis: a multi-centric study	Jerome Bernard
10.30 - 10.38	FP6 Diagnosis of staphylococcus spp. prosthetic joint infections with bacteriophage k based met	Andrej Cör
10.38 - 10.50	Discussion	
11.20 - 13.15	Coffee - Posters - Exhibition	
11.20 - 13.15	Country Delegates Meeting (This meeting is by invitation only)	
11.20 - 12.50	Free Papers C: Basic and translational research (10 x 6 min + 2 min)	Chairs: Olivier Borens & Françoise Van Bambeke
11.20 - 11.28	FP17 In vitro activity of fosfomycin, ciprofloxacin, gentamicin and their combinations against escherichia coli and pseudomonas aeruginosa biofilms	Lei Wang
11.28 - 11.36	FP18 Antimicrobial effect of cerament-g® on bacterial isolates, with various levels of gentamicin resistance, found in fracture-related infection; an in vitro study	Hans Bezstarosti
11.36 - 11.44	FP19 Prolonged cefazolin release from hydrogel-impregnated bone chips	Guy Putzeys
11.44 - 11.52	FP20 Double-dose pharmacokinetics of cefuroxime in porcine intervertebral disc and vertebral cancellous bone – a randomized microdialysis study	Pelle Emil Hanberg
11.52 - 12.00	FP21 Diversity of cutibacterium strains involved in prosthetic joint infections and ability to produce biofilm: cutibacterium acnes ia1 and ii phylotypes belonging to slst-type d1 or k1 produce more biofilm!	Stéphane Corvec
12.00 - 12.05	Discussion	

Room: Queen Elizabeth Hall			
12.05 - 12.13	FP12	Serial aspirations & intra-articular antibiotic injections for non-operative management of chronic pji: introducing the concept of biofilm training	Edward J. McPherson
12.13 - 12.21	FP13	Good outcome after prosthetic joint infection treated with debridement and retention of the prosthesis: a prospective registration of 99 patients	Øystein Espeland Karlsen
12.21 - 12.29	FP14	Outcome of dair (debridement, antibiotics and implant retention) procedures for infected total hip and knee replacements in a tertiary referral center	F.R.H.A. Nurmohamed
12.29 - 12.37	FP15	The use of antibiotic loaded calcium sulphate beads in lower limb periprosthetic joint infection	Zulfiqar Minhas
12.37 - 12.45	FP16	Implant stability of total hip arthroplasty after debridement and implant retention for periprosthetic joint infection	Martin Clauss
12.45 - 12.50		Discussion	
12.50 - 14.00		Industry Symposium A (12.55 - 13.55) in Okapi Room 3 & Lunch	
14.00 - 15.00		Key session 3: Bacterial-Implant Interactions	Chairs: Mario Morgenstern & Christine Dupont
14.00 - 14.15		Bacterial adhesion: How and Where ?	Martin Andersson
14.15 - 14.30		Biofilm eradication in infection models	Hervé Poilvache
14.30 - 14.45		Bacterial-Implant Interface and clinical relevance	Thomas Bjarnsholt
14.45 - 15.00		Discussion	
15.00 - 15.50		Free Papers E: Clinical research on Diabetic foot infection/Trauma (5 x 6 min + 2 min)	Chairs: Klaus Kirketerp-Møller & Dan Putineanu
15.00 - 15.08	FP33	Treatment and outcomes of calcaneal osteomyelitis in adults: a systemic review	Marta Sabater Martos
15.08 - 15.16	FP34	Season as a predictor for the incidence of surgical site infections after orthopedic trauma surgery of the lower leg, ankle and foot	Fay Sanders
15.16 - 15.24	FP35	Beside infection, do not forget to manage peripheral arterial disease in diabetic charcot foot.	Laura Orioli
15.24 - 15.32	FP36	Negative-pressure wound therapy in fracture-related infection: the influence on tissue culture results and outcome. Preliminary results from a single centre series	Melissa Depypere

Room: Okapi room 1&2			
12.05 - 12.13	FP22	In vitro evaluation of bacterial adhesion and biofilm formation to metallic cerclage wire versus polymer cerclage system	Margarita Veloso
12.13 - 12.21	FP23	Study of the effect of pulsed-washing on the antibiotic susceptibility of staphylococcus aureus biofilms	Hervé Poilvache
12.21 - 12.29	FP24	Isothermal microcalorimetry detects the presence of persister cells in a staphylococcus aureus biofilm after vancomycin treatment	Maria Eugenia Butini
12.29 - 12.37	FP25	Development of antibodies that enhance immune clearance of staphylococcus aureus biofilms	Lisanne de Vor
12.37 - 12.45	FP26	Phage therapy and bacterial reservoirs in bone and joint infections: evaluation of the efficacy of an assembly of three bacteriophages on staphylococcus aureus embedded in biofilm or internalized in osteoblasts	Camille Kolenda
12.45 - 12.50		Discussion	
		Industry Symposium B (12.55 - 13.55) in Okapi Room 1&2 & Lunch	
		Free papers D: Clinical research on antimicrobial efficacy and tolerance (6 x 6min + 2min)	Chairs: Jean-Cyr Yombi & Alex Soriano
14.00 - 14.08	FP27	Tolerance and microbiological efficacy cefepim or piperacillin/tazobactam in combination with vancomycin as empirical antimicrobial therapy of prosthetic joint infection	Claire Triffault-Fillit
14.08 - 14.16	FP28	Tigecycline versus colistin in the treatment of carbapenem-resistant acinetobacter baumannii osteomyelitis	Vladimir Cordeiro Carvalho
14.16 - 14.24	FP29	Efficacy and safety of intravenous fosfomycin in patients with periprosthetic joint infection: preliminary results from the proof study - a prospective multicenter study	Svetlana Karbysheva
14.24 - 14.32	FP30	Long-term linezolid use (>28 days) in patients with orthopedic infections is generally safe and well tolerated	Denise Telgt
14.32 - 14.40	FP31	Real life efficacy and safety of dalbavancin monotherapy as salvage treatment in bone and joint infection	Illes Gabriela
14.40 - 14.48	FP32	Predisposing factors for multidrug-resistant gram-negative prosthetic joint infections: the role of prior use of antibiotics and the nonelective arthroplasty due hip fracture.	Raquel Bandeira
14.48 - 14.54		Discussion	
15.00 - 15.50		Key session 4: EBJIS abroad project	Chairs: Ricardo Sousa & Jan Noyez
15.05 - 15.15		Point of view of EBJIS	Ricardo Sousa
15.15 - 15.25		Point of view of emerging countries	Loic Fonkoue
15.25 - 15.35		EBJIS Collaborations abroad	Martin McNally
15.35 - 15.50		Discussion	

Room: Queen Elizabeth Hall			
15.32 - 15.40	FP37	Bone transport and tibio-talar arthrodesis for distal tibia post-traumatic infection	Boštjan Sluga
15.40 - 15.50		Discussion	
15.50 - 16.20		Coffee - Posters - Exhibition	
16.20 - 17.30		Key Session 5: Battles / Questions in debate Pro /Contra	Chairs: Eric Senneville & Jeroen Neyt
		Battle 1: Delay for Rifampicin Introduction: immediate or delayed?	Delayed:P Sendi /Pro: E. Berbari
16.20 - 16.25		Moderator (present question/voting system)	
16.25 - 16.37		Immediate vs. Delayed	
16.37 - 16.47		Discussion	
16.47 - 16.55		Voting & Conclusion	
		Battle 2: Antibiotic free window period ?	No: A Trampuz / Yes: B. Atkins
16.55 - 16.57		Moderator (present question)	
16.57 - 17.09		Pro vs Contra	
17.09 - 17.19		Discussion	
17.19 - 17.30		Voting & Conclusion	
18.00 - 20.00		Welcome Drinks Reception at Grand Café Horta Address: Hopland 2 - 2000 Antwerpen	

Room: Okapi room 1&2			
Coffee - Posters - Exhibition			
		Free Papers F: Infections treatment in developing countries (7 x 6 min + 2 min)	Chairs: Ricardo Sousa & Jan Noyez
16.20 - 16.28	FP38	Is the management of open leg fractures in a hospital facility in ivory coast a problem and why?	Kouassi Kouamé Jean-Eric
16.28 - 16.36	FP39	Vascularized fibula flap in the management of bone loss secondary to osteomyelitis in children.	Antonio Loro
16.36 - 16.44	FP40	Chronic osteomyelitis: prognostic and therapeutic aspect in the service of pediatric surgery chu gabriel touré	Sidi Yaya Traore
16.44 - 16.52	FP41	The example of bones and joints infections in cameroun shows the need to curb the antibiotic resistance in developing countries	Loïc Fonkoue
16.52 - 17.00	FP42	Intramedullary osteomyelitis cierny-mader type 1. Localized and diffuse diaphyseal infection	Leon Mora
17.00 - 17.08	FP43	Unexpected osteoarticular tuberculosis: review of outcomes following biofilm-targeted surgical management	Ruth Corrigan
17.08 - 17.16	FP44	Infection after osteosynthesis: good results in bad bugs	Aditya Menon
17.16 - 17.30		Discussion	

Room: Queen Elizabeth Hall		
7.45 -	Registration	
08.30 - 09.30	Key Session 6: Innovation in treatment of biofilm related Infection	Chairs: Alex Soriano & Françoise Van Bambeke
8.30 - 8.45	Drug delivery systems for application in biomaterials associated infections	Ana Bettencourt
8.45 - 9.00	Antibiotic delivery systems	David Eglin
9.00 - 9.15	Innovative pharmacological strategies	Tom Coenye
9.15 - 9.25	Discussion	
9.30 - 10.30	Key Session 7: Improvement in microbiological diagnosis	Chairs: Bridget Atkins & Hector Rodriguez-Vilalobos
9.35 - 9.50	Differential diagnosis of prosthetic joint infections	Yvonne Achermann
9.50 - 10.05	Microbiological diagnosis: what do we need, and how do we achieve it?	Maria Dudareva
10.05 - 10.20	The Antibiofilmogram	Frederic Laurent
10.20 - 10.30	Discussion	
10.30 - 11.00	Coffee - Posters - Exhibition	
11.00 - 11.50	ICM Philly - Follow up	Chairs: Andrej Trampuz & Jeroen Neyt
11.00 - 11.15	What to retain from ICM Philly	Thorsten Gehrke
11.15 - 11.30	Where I disagree and why ?	Eric Senneville
11.30 - 11.40	TBD	Martin Clauss

Room: Okapi room 1&2			
7.45 -		Registration	
		Free Papers G: Clinical research on PJ related infection /one stage/two stage (6 x 6min + 2min)	Chairs: Maite Van Cauter & Martin Clauss
8.30 - 8.38	FP45	Diagnosing chronic periprosthetic joint infection : definition matter	Maxime Huard
8.38 - 8.46	FP46	Epidemiology, microbiological diagnosis, and clinical outcomes in prosthetic joint infection: results from the prospective brazilian-implant cohort study (brics)	Mauro Salles
8.46 - 8.54	FP47	The (de)terminator PJI treatment flowchart	Jeroen Neyt
8.54 - 9.02	FP48	Minimum four years follow-up results after single-stage revision in the management of chronic prosthetic-joint infection after total hip arthroplasty: retrospective analysis	Raquel Afonso
9.02 - 9.10	FP49	The use of massive prostheses in the periprosthetic joint infections. A series of 58 patients treated in one or two stages	G�rard Giordano
9.10 - 9.18	FP50	Is one-stage revision surgery for infected the preferably when using vancomycin containing bone graft?	G�sta Ullmark
9.18 - 9.24		Discussion	
		Free Papers H: Clinical research on OA infection - diagnostic management (6 x 6min + 2min)	Chairs: Jeroen Neyt & Christof Wagner
9.30 - 9.38	FP51	Performance of synovial fluid D-Lactate test for accurate diagnosis of periprosthetic joint infection	Svetlana Karbysheva
9.38 - 9.46	FP52	The use of pet-ct reduce mortality in patients with implant related infection associated staphylococcus aureusbacteremia (sab)	Jean-Cyr Yombi
9.46 - 9.54	FP53	Clinical evaluation of synovial alpha defensin and synovial c-reactive protein in the diagnosis of periprosthetic joint infection	Hernan Prieto
9.54 - 10.02	FP54	Seronegative hip and knee prosthetic joint infections: is erythrocyte sedimentation rate a helpful adjunct to c-reactive protein?	Ana Ribau
10.02 - 10.10	FP55	Combined biomarker analysis in pji diagnosis – a useful tool or not to recommend?	Sebastian Klim
10.10 - 10.18	FP56	Is a positive intra-operative culture associated with poor results in presumed aseptic revision of total hip and knee arthroplasties?	Mattia Loppini
10.18 - 10.30		Discussion	
Coffee - Posters - Exhibition			
11.00 - 11.55		Free Papers I: Clinical research on fracture related infection (6 x 6 min + 2 min)	Chairs: Mario Morgensten & Peter Reynders
11.00 - 11.08	FP57	Antibiotic treatment and microbiological findings in complex fracture-related infections; a systematic literature review	Hans Bezstarosti
11.08 - 11.16	FP58	Outcomes in culture negative and culture positive osteomyelitis	Apoorva Khajuria
11.16 - 11.24	FP59	Multi-drug (mdr) and extensively drug-resistant (xdr) gram negative osteosynthesis-associated osteomyelitis (oao) of the lower extremities: a multi-centre international study	Efthymia Giannitsioti

Room: Queen Elizabeth Hall			
11.40 - 11.50		Discussion	
11.55 - 12.25		New diagnostic criteria for PJI - EBJIS Executive Committee Speakers: Rihard Trebse and Alex Soriano	Chair: Martin McNally
12.25 - 12.50		JBJI/MSIS symposium Top 5-10 best papers published in the JBJI	Chairs: Parham Sendi, Elie Berbari
12.50 - 14.00		Industry Symposium C (12.55 - 13.55) in Okapi Room 3 & Lunch	
14.00 - 15.00		Key Session 8: Outpatient parenteral antimicrobial therapy	Chairs: Alex Soriano & Xavier Holemans
14.00 - 14.15		NHS experience (OPAT: the current picture, the vision and the patient experience)	Bridget Atkins
14.15 - 14.30		Lyon experience (Products (agents & devices) – types, routes, transport, storage, administration)	Tristan Ferry
14.30 - 14.45		Belgian experience (How should we evaluate OPAT and governance of OPAT – what are our markers for success?)	Caroline Briquet
14.45 - 14.55		Discussion	
15.00 - 16.00		Free Papers J: Infection and Hospital / Health care management (6 x 6min + 2min)	Chairs: Rihard Trebse & Jean-Cyr Yombi
15.00 - 15.08	FP63	Implementing oviva: 18 months experience in a specialist orthopaedic hospital	Tariq Azamgarhi
15.08 - 15.16	FP64	Treatment of prosthetic-joint infections: the role of the surgeon	Arnaud Fischbacher
15.16 - 15.24	FP65	The financial burden of treating osteomyelitis in the uk	Jamie Ferguson
15.24 - 15.32	FP66	Risk assessment of resistance development by antibiotic loaded bone cement - is it a clinical concern?	Christof Berberich
15.32 - 15.40	FP67	The prosthesis protect project: improving patient care by implementing a regional prospective quality registry for PJI	Henk Scheper
15.40 - 15.48	FP68	Highly variable effect of sonication as a method to dislodge biofilm embedded staphylococcus epidermidis, in vitro	Erik Thorvaldsen Sandbakken
15.48 - 16.00		Discussion	
16.00 - 16.30		Coffee - Posters - Exhibition	

Room: Okapi room 1&2			
11.24 - 11.32	FP60	Does the BACH classification of long bone osteomyelitis correlate with patient reported outcome measures following surgery?	Andrew Hotchen
11.32 - 11.40	FP61	Three years use of an antibiotic-loaded bone substitute for orthopaedic infections	Anders Joensson
11.40 - 11.48	FP62	Polymicrobial infections and microbial patterns in septic nonunions – a descriptive analysis of 42 cases	Markus Rupp
11.48 - 11.55		Discussion	
Industry Symposium D (12.55 - 13.55) in Okapi Room 1&2 & Lunch			
		Key Session 9: How to prevent OA infection better?	Chairs: Maya Hites & Charles Vogely
14.00 - 14.15		Individual and environment control	Mike Reed
14.15 - 14.30		Does one dose fit all?	Maya Hites
14.30 - 14.45		CDC guidelines	Elie Berbari
14.45 - 14.55		Discussion	
		Free Papers K: Miscellaneous (6 x 6min + 2min)	Chairs: Charles Vogely & Xavier Holemans
15.00 - 15.08	FP69	Risk factors for cutibacterium acnes spinal implant infection: a case-control study	Stephane Corvec
15.08 - 15.16	FP70	Is extended trochanteric osteotomy during two-stage revision of the hip a safe procedure?	Giorgio Cacciola
15.16 - 15.24	FP71	Local bone antibiotic delivery using porous alumina ceramic: clinical and pharmacological experience	Eric Denes
15.24 - 15.32	FP72	Knee arthrodesis for the salvage of infected total knee arthroplasty predicting failure and the need for amputation	Antonia Chen
15.32 - 15.40	FP73	Is combined antibiotic therapy in spacers superior to monotherapy with an aminoglycoside? – an analysis of positive cultures during the second stage	Andre Dias Carvalho
15.40 - 15.48	FP74	Outcome of two stage surgery: “hone your work carefully; spare no effort”	Ines Pastor
15.48 - 16.00		Discussion	
Coffee - Posters - Exhibition			

Room: Queen Elizabeth Hall		
16.30 - 17.30	Key session 10: Battles / Questions in debate Pro /Contra	Chairs: Alex Ramsden & Guy Putzeys
	Battle 1: Early versus late flap in open fracture	Early: Thierry Begue, Late: Olivier Barbier
16.30 - 16.35	Moderator (present question/voting system)	
16.35 - 16.47	Early vs. Late	
16.47 - 16.55	Discussion	
16.55 - 17.00	Voting & Conclusion	
	Battle 2: Local antibiotic: promoting bacterial resistance?	Yes: Alex Soriano / No: Olivier Borens
17.00 - 17.02	Moderator (present question)	
17.02 - 17.14	Pro vs. Contra	
17.14 - 17.22	Discussion	
17.22 - 17.30	Voting & Conclusion	
17.45 - 19.00		
20.00 - 23.00	EBJIS Gala Dinner. Marble Hall at the congress venue	

Room: Okapi room 1&2			
		Free papers L: Basic and translational research (6 x 6min + 2min)	Chairs: Charles Vogely & Christine Dupont
16.30 - 16.38	FP75	Antibiotic-loaded hydrogel outperforms clinical gold standard treatment in a large animal model of methicillin-resistant staphylococcus aureus implant-associated osteomyelitis	Andrew Foster
16.38 - 16.46	FP76	Bone cement with microencapsulated rifampicin: a new strategy against periprosthetic joint infection	Pablo Sanz Ruíz
16.46 - 16.54	FP77	Extensive debridement is fundamental for the success of an absorbable gentamicin loaded bio-composite	Louise Kruse Jensen
16.54 - 17.02	FP78	High-energy focused extracorporeal shockwave therapy in addition to conventional treatment: results from an in vivo rabbit model of fracture related infection	Jan Pützler
17.02 - 17.10	FP79	Antimicrobial silver-modification for locking plates shows uneventful fracture healing and good biocompatibility – results of an experimental study in rabbits	Volker Alt
17.10 - 17.18	FP80	Local concentrations of gentamicin obtained by microdialysis after a controlled application of a gentacoll sponge in a porcine model	Maja Thomassen
17.18 - 17.24		Discussion	
17.45 - 19.00		General Assembly (for members of EBJIS, by invitation only) NB! This meeting takes place at Okapi room 1&2.	

Room: Queen Elizabeth Hall			
9.00 - 10.00	Key Session 11: Bacteriophage therapy		Chairs: Andrej Trampuz & Jean-Paul Pirnay
9.05 - 9.20	"From phage biology to phage therapy"		Rob Lavigne
9.20 - 9.35	Optimal delivery method		Fintan Moriarty
9.35 - 9.50	Current clinical evidence		Willem-Jan Metsemakers
9.50 - 10.00	Discussion		
10.00 - 10.30	Coffee - Posters - Exhibition		
10.30 - 12.00	Best Papers (10 x 6 min + 2 min)		Chairs: Olivier Cornu & Martin McNally
10.30 - 10.40		Travelling Fellowship Report	
10.40 - 10.48	BP1	Non-steroidal anti-inflammatory drug administration impairs antibiotic treatment of orthopedic device-related infection in a rat model	Marc Antoine Burch
10.48 - 10.56	BP2	Efficacy of sb-1 bacteriophage in treating and preventing methicillin-resistant staphylococcus aureus in a galleria mellonella model of implant-associated infection	Mariagrazia Di Luca
10.56 - 11.04	BP3	Development of a two-stage animal model to evaluate new therapeutic strategies in the treatment of infected non-unions	Holger Freischmidt
11.04 - 11.12	BP4	Operating room ventilation and the risk of revision due to infection after total hip arthroplasty - assessment of validated data in the norwegian arthroplasty register 2005- 2015	Håkon Langvatn
11.12 - 11.20	BP5	Antimicrobial peptides eradicate bacteria, including persists, in antibiotic-treated mature biofilms	Henk Scheper
11.20 - 11.28	BP6	The value of serum inflammatory markers in the diagnosis of fracture related infections	Irene Katharina Sigmund
11.28 - 11.36	BP7	Guideline for preclinical studies of bone infections	Louise Kruse Jensen
11.36 - 11.44	BP8	Joint infection (pji) – is this correctly recorded as a 'reason for revision' on the national joint registry?	Irrum Afzal
11.44 - 11.52	BP9	The risk of periprosthetic joint infection during bacteremia	Meeri Honkanen
11.52 - 12.00	BP10	The terminal complement pathway identifies prosthesis infection in periprosthetic tissue samples	Ann-Kathrin Meinshausen
12.00 - 12.05	Discussion		
12.05 - 12.30	Honorary lecture: Will bacteria overcome humans?		Fernando Baquero
12.30.12.45	Closing Remarks & Prizes		Olivier Cornu & Martin McNally
12.45 - 14.00	Farewell lunch		

Room: Okapi room 1&2			
9.00 - 10.00		Free Papers M: Clinical research on PJI prevention (6 x 6min + 2min)	Chairs: Jean-CyrYombi & Olivier Borens
9.00 - 9.08	FP81	Cutibacterium avidum persists in the groin area despite surgical skin antiseptics: a potential risk factor for periprosthetic joint infections	Steven Maurer
9.08 - 9.16	FP82	Iodine impregnated incision drape does not prevent infection in knee arthroplasty surgery – 12 months follow-up in a cohort of 1187 patients	Anne Brun Hesselvig
9.16 - 9.24	FP83	Reduced wound leakage and prosthetic joint infections in arthroplasty with modified wound closure	Ramon Roerdink
9.24 - 9.32	FP84	Universal decolonisation with polyhexanid prior to hip and knee joint arthroplasty. A regional multicenter time series analysis with regression analysis.	Tobias Kramer
9.32 - 9.40	FP85	Prevention of early periprosthetic joint infections in a university hospital	Tina Wik
9.40 - 9.48	FP86	The impact of untoward events during primary or revision total hip or knee arthroplasty surgery	Rihard Trebse
9.48 - 10.00		Discussion	