

Day 1
18 September 2024

08.30 - 09.00	REGISTRATION (08.30-11.30)			
09.00 - 11.30	WORKSHOP / PRECOURSE - Simulation-based training: Hip fractures, distal radius fractures, supracondylar humeral fractures, guide wire navigation, and ultrasound of developmental dysplasia of the hip		WORKSHOP / PRECOURSE - Serum and Tissue Biomarkers in Orthopedics	
11.30 - 12.30	LUNCH & EXHIBITION			
	BIOLOGY/BIOMATERIALS	BIOMECHANICS	BRIDGING KEYNOTES	CLINICAL
12.30 - 13.30	OPENING AND WELCOME			
13.30 - 14.30	ON/EORS COLLABORATIVE ORTHOGENERATION SYMPOSIUM - Revolutionizing Orthopedics: Unveiling the Seductive Dance of Pandemic Lessons and mRNA Technology in the Battle Against Musculoskeletal Disorders Chair: Elizabeth Rosado Balmayor (DE) Co-Chairs: Holger Jahr (DE), Nibert Passuti (FR)			
14.00-15.00	Antimicrobial resistance and biofilms: The future challenge in bone and joint infections Chair: Chris Arts (NL) Co-Chair: Martijn Riool (DE)	Explorative osteoarthritic remedies: From physical to pharmacological stimulation Chair: Feng-Sheng Wang (TW) Co-Chair: Holger Jahr (DE)	Osteoarthritis is not Osteoarthritis Chair: Tazio Maleitzke (DK, DE) Co-Chair: Ali Mobasher (FI)	24/7 data to support clinical decisions Chair: Klaus Kirketerp Møller (DK) Co-Chair: Trine Rolighed Thomsen (DK)
15.00 - 16.00	Towards a comprehensive approach to tackle infections: New metal-based antibacterial strategies from implants to surfaces Chair: Gabriela Graziani (IT) Co-Chair: Daniele Ghezzi (IT)	Computer-Aided Orthopaedics Chair: John Rasmussen (DK) Co-Chair: Shima Gholinzhad (DK)	TENET - Tendon Regeneration NETWORK (Cost Action CA22170) Chair: Manuela Gomes (PT) Co-Chair: Manuel Gomez-Florit (ES)	Chronic pain after total knee replacement Chair: Jesper Bie Larsen (DK) Co-Chair: Vikki Wyde (UK)
16.00 - 16.30	COFFEE & EXHIBITION			
16.30 - 17.30	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS
17.30-18.00	PLENARY LECTURE - Title to be announced Professor Stephen Ferguson (CH)			
18.00 - 19.00	POSTER WALK			
19.00 - 20.00	WELCOME RECEPTION			
20.00 - 20.30				
20.30 - 23.00	NEW INVESTIGATOR SOCIAL EVENT			

Day 2
19 September 2024

	BIOLOGY/BIOMATERIALS	BIOMECHANICS	BRIDGING KEYNOTES	CLINICAL
07.00 - 08.00	REGISTRATION			
08.00 - 09.00	New technologies for drug and gene delivery targeted to musculoskeletal tissues Chair: Sibylle Grad (CH)	Musculoskeletal modeling applied to orthopaedic problems Chair: Michael Skipper Andersen (DK)	BEST ORAL PRESENTATIONS	Mixed reality: The future of orthopaedic surgery and medical education? Chair: Ola Wiig (NO) Co-Chair: Rahul Kumar (NO)
09.00 - 10.00	FREE PAPERS	FREE PAPERS		FREE PAPERS
10.00 - 10.30	COFFEE & EXHIBITION			
10.30 - 11.30	Advancing tissue engineering for tendon repair and regeneration Chair: Chunfeng Zhao (US) Co-Chair: Yunzhi Peter Yang (US)	BEST NEW INVESTIGATOR ORAL PRESENTATIONS	Robot Surgery in Hip and Knee Chair: Per-Henrik Randsborg (NO) Co-Chair: Ole Rahbek (DK)	Virtual Reality in Orthopaedics Chair: Pether Jildenstål (SE) Co-Chair: Amandus Gustafsson (DK)
11.30 - 12.30	ONE/ORS ORTHOREGENERATION GRANT TANK COMPETITION	FREE PAPERS	FREE PAPERS	FREE PAPERS
12.30 - 13.30	LUNCH & EXHIBITION			
13.30 - 14.00	PLENARY LECTURE - AI in orthopedics: Current status, barriers and facilitators Vipin Asopa (UK)		PLENARY LECTURE - Towards personalized analysis and treatment using dynamic imaging and musculoskeletal modelling Nico Vondonschot (NL)	
14.00 - 15.00	Bone Infections Chair: Louise Kruse Jensen (DK) Co-Chair: Mats Bue (DK)	Osseointegration and bionics to provide better prostheses to amputees Chair: Luca Cristofolini (IT) Co-Chairs: Paolo Sassu (IT), Stefano Zaffagnini (IT)	Absorbable Implants from Bench to Bedside: Journey, Regulations and Directions Chair: Andreas Balslev-Clausen (DK) Co-Chairs: Holger Jahr (DE), Annelie-Martina Weinberg (AT)	Wearables for assessing upper and lower extremity activity Chair: Bernd Grimm (LU) Co-Chair: Inger Mechlenburg (DK)
15.00 - 16.00	FREE PAPERS	FREE PAPERS		FREE PAPERS
16.00 - 16.30	COFFEE & EXHIBITION			
16.30 - 17.00	PLENARY LECTURE - Magnetic Biomaterials Systems for Tendon Regeneration Manuela Gomes (PT)		PLENARY LECTURE - 3-D modelling of the musculoskeletal system John Rasmussen (DK)	
17.00 - 18.00	FREE PAPERS	BEST NEW INVESTIGATOR POSTER	FREE PAPERS	FREE PAPERS
18.00 - 19.00				
19.00 - 23.30	CONFERENCE DINNER			

Day 3
20 September 2024

	BIOLOGY/BIOMATERIALS	BIOMECHANICS	BRIDGING KEYNOTES	CLINICAL
07.00 - 08.00	REGISTRATION			
08.00 - 09.00	FREE PAPERS	FREE PAPERS	Strategies applied to the development of innovative biomedical implants Chair: Julietta V. Rau (IT) Co-Chair: Gianluca Vadalà (IT)	Meniscal repair and regeneration: Current strategies and future perspectives Chair: Marcin Waško (PL)
09.00 - 10.00	GENERAL ASSEMBLY			
10.00 - 10.30	COFFEE & EXHIBITION			
10.30 - 11.30	Mechanobiological models in orthopedics and musculoskeletal regeneration – in vivo, in silico, in vitro Chair: Esther Wehrle (CH) Co-Chair: Peter Schwarzenberg (CH)	EQUAL REPRESENTATION INITIATIVE	Charcot osteoarthropathy, from bone to beams and barriers to treatment Chair: Jeannette Østergaard Penny (DK) Co-Chair: Michala Skovlund Sørensen (DK)	Future patient pathway in total knee arthroplasty from pre-operative kinematic assessment towards smartphone application-driven musculoskeletal rehabilitation Chair: Grupp Thomas M (DE) Co-Chair: Grimm Bernd (LU)
11.30 - 12.30	PLENARY LECTURES - Remote Gait Analysis in Orthopedics: Current Trends for Advancing the State-of-the-Art Reed Donovan Gurchiek (US)		PLENARY LECTURES - VISITING NATIONS - NOF & Acta Orthopaedica History of Nordic Orthopaedic Federation (NOF) - Søren Kold (DK) How to get your paper published and the perfect reviewer - Søren Overgaard (DK)	
12.30 - 13.30	LUNCH & EXHIBITION			
13.30 - 14.00	PLENARY LECTURE - Title to be announced Susan Bukata (ORS President, US)			
14.00 - 15.00	Osteoarthritis: From patient to molecule - Symposium of the German Musculoskeletal Regeneration Network Chair: Zsuzsa Jenei-Lanzl (DE) Co-Chair: Britt Wildemann (DE)	Advances of wearable technologies in healthcare Chair: Shaoping Bai (DK) Co-Chairs: Strahinja Dosen (DK), Ming Shen (DK), Anderson de Souza Castelo Oliveira (DK)	Major Lower Extremity Amputations (LEA) Chair: Ulla Riis Madsen (DK) Co-Chair: Ane Simony (DK)	Asian-Pacific Symposium Chair: Sangsoo Lee (KR) Co-Chair: Hyungbin Park (KR)
15.00 - 15.30	COFFEE & EXHIBITION			
15.30 - 16.30	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS
16.30 - 17.00	AWARDS AND CLOSING CEREMONY			