

2nd Virtual OIFE Investigator Meeting
17 November 2023 14:00-19:00 CET



Goals of the meeting:

- Highlight new OI research
- Provide a collaboration space for OI researchers in Europe and beyond
- Attract new people to OI research in Europe
- Support the younger generation of OI researchers

All times Central European Time (CET)

14:00	Welcome and introduction <i>Oliver Semler / Ingunn Westerheim</i>
14:10-14:30	Research collaboration in Europe: hurdles and opportunities Luca Sangiorgi (Bologna, Italy) <i>Moderators: Oliver Semler / Ingunn Westerheim</i>
14:30-16:00	What's new in basic science? <i>Moderators: Ivan Duran / Lida Zhytnik</i>
14:30	A new conditional knock-in mouse model to study osteogenesis imperfecta Roy Morello (Little Rock, USA)
14:50	ER stress Antonella Forlino (Pavia, Italy)
15:10	Discussion
15:20 4 x 10 mins	Submitted abstracts – basic science <i>Moderators: Antonella Forlino / Roy Morello</i> 1 Characterization of tendon properties in the murine model of severe osteogenesis imperfecta Antoine Chretien (Brussels, Belgium) 2 Crispant analysis in zebrafish as a tool for rapid functional screening of disease-causing genes for bone fragility Sophie Debaenst (Ghent, Belgium)

	<p>3 Deciphering phenotypic and mechanistic variability in Bruck syndrome and Osteogenesis imperfecta, through a zebrafish model with loss of <i>fkbp10</i> Tamara Jarayseh (Ghent, Belgium)</p> <p>4 Absence of TRIC-B from type XIV osteogenesis imperfecta osteoblasts alters cell adhesion and mitochondrial function - A multi-omics study Milena Jovanovic (Bethesda, USA)</p>
16:00	<i>Break</i>
16:10-16:25	<p>Methods and tools to evaluate outcomes in clinical trials</p> <p><i>Moderators: Lars Folkestad / Nadja Fratzl-Zelman</i></p>
16:10	<p>HR-pQCT to assess bone density, structure, and strength in OI Enrico Schileo (Bologna, Italy)</p>
16:25	<p>Assessing mobility in OI – the role of movement analysis Andreas Kranzl (Vienna, Austria)</p>
16:40	<p>Assessing bone in adults with OI – a 10 year follow up study Bente Langdahl (Aarhus, Denmark)</p>
16:55	Discussion
17:10-17:50	<p>Submitted abstracts - clinical</p> <p><i>Moderators: Andreas Kranzl / Miguel Rodríguez</i></p> <p>5 Investigation into the development and progression of coxa vara after intramedullary rodding in children with osteogenesis imperfecta Kamron Zand (Omaha, USA)</p> <p>6 Effect of antiresorptive agent on exfoliation of primary dentition in children with osteogenesis imperfecta medicated with bisphosphonates Clara Garcete (Madrid, Spain)</p> <p>7 Midterm outcomes of multimodal approach to treating severe scoliosis in patients with osteogenesis imperfecta Yusuke Hori (Wilmington, USA)</p>
4 x 10 mins	

	8 Asynchronous healing at the proximal and distal sites in limb osteotomies of osteogenesis imperfecta Peikai Chen (Shenzhen, China)
17:50	<i>Break</i>
18:00-18:55	Session 6: Nosology and classification in OI: finding a common language/can we find a common language? Why is it important to find a common language? Implications for treatment <i>Moderators: Ingunn Westerheim / Antonella Forlino</i>
18:00	Nosology of genetic skeletal disorders: 2023 revision – implications for OI Valérie Cormier-Daire (Paris, France)
18:10	Classification systems for OI – which path to choose? Dimitra Micha (Amsterdam, Netherlands)
18:20	OI nosology - genetics first Joan Marini (Bethesda, USA)
18:30	Discussion/debate Valérie Cormier-Daire (Paris, France) Lena Lande Wekre (Oslo, Norway) Joan Marini (Bethesda, USA) Dimitra Micha (Amsterdam, Netherlands) Fleur van Dijk (London, UK)
18:55	Summing up <i>Oliver Semler / Inger-Margrethe Stavdal Paulsen</i>
19:00	<i>Close</i>