

14th International Conference on Osteogenesis Imperfecta
5-8 September 2020, Sheffield, UK
Outline programme

Saturday 5 September	
09:00	<p><i>High Tor (The Edge) workshops</i></p> <p>Scientific programme</p> <p>Early life interventions</p> <ol style="list-style-type: none"> 1. Care for under 5s developmental assessment and (playful) intervention 2. Seating 3. Rehabilitation consensus <p>Inc coffee break</p>
	<p><i>Halifax Hall workshops</i></p> <p>Stakeholder programme</p> <p>Clinical guidelines and diagnostic pathways</p> <p>Inc coffee break</p>
12:30	<p><i>Lunch</i> <i>At Halifax Hall for clinical guidelines group; at The Edge for all others</i></p>
13:30	<p><i>High Tor (The Edge) (all sessions)</i></p> <p>Welcome</p>
13:35-15:05	Clinical guidelines/diagnostic pathways/registries/natural history
13:35	<p>BBDC outputs – the things that matter to patients Laura Tosi (Washington DC, USA)</p>
14:05	<p>Registries for osteogenesis imperfecta: where we are and where we are heading Kassim Javaid (Oxford, UK)</p>
14:35	<p>ERN BOND: Diagnostic pathways Valérie Cormier-Daire (Paris, France)</p>
15:05	<i>Coffee break</i>
15:30	The role of patient organisations in osteogenesis imperfecta research
15:50	Oral communications
17:00	<p>Plenary Lecture</p> <p>Bone research in Sheffield – the last 100 years Richard Eastell (Sheffield, UK)</p>
17:30	<i>Close</i>
19:00-22:00	<p><i>Welcome reception and dinner</i> INOX</p>

Sunday 6 September

	<p><i>High Tor 1&2</i> Molecular pathophysiology of osteogenesis imperfecta</p> <hr/> <p>08:45 Collagen processing Speaker tbc</p> <hr/> <p>09:15 Bone, brain and beyond Meena Balasubramanian (Sheffield, UK)</p> <hr/> <p>09:45 Oral communications</p> <hr/> <p>10:45 <i>Coffee</i></p> <hr/> <p>11:15 Oral communications</p> <hr/> <p>12:05 Posters</p> <hr/> <p>13:05 <i>Lunch</i></p>	<p><i>High Tor 3</i></p> <ul style="list-style-type: none"> • Parallel session on patient-identified priority areas • mental health • transition states (home to school; into work; adolescent to adult etc) • sleep <p>10:45 Coffee</p> <p>11.15 – 13.05; Orthopaedic workshop: Technical discussions for orthopaedic consultants/attending surgeons and AHPs How to measure, record and share outcomes of surgery across centres</p> <p>14.00-15.00 The effects of choices on rehabilitation post-surgery</p>
<p>14:00-15:00</p>	<p>Cellular/tissue pathophysiology</p> <hr/> <p>14:00 Collagen processing and endoplasmic reticulum stress Sergey Leikin (Bethesda, USA)</p> <hr/> <p>14:30 Bone cell behaviours in osteogenesis imperfecta; RNAseq in osteoblasts Roy Morello (Little Rock, USA)</p>	
<p>15:00</p>	<p><i>Coffee</i></p>	
<p>15:30-17:00</p>	<p><i>High Tor</i></p> <p>Looking at non-bone tissues (basic and clinical perspectives)</p>	
<p>15:30</p>	<p>Muscle in osteogenesis imperfecta: all that's brittle is not bone Alex Ireland (Manchester, UK)</p>	

16:00	Lung Cathleen Raggio (New York, USA)
16:30	Central nervous system Catherine DeVile (London, UK)
17:00	Oral communications
17:30	<i>Close</i>
	<i>Free evening</i>

Monday 7 September		
	<p><i>High Tor</i></p> <p>Preclinical model systems</p>	<p><i>Halifax Hall</i></p> <p>Orthopaedic workshop</p>
	<p>08:45</p> <p>Mouse models Joan Marini (Bethesda, USA)</p>	
	<p>09:15</p> <p>What can zebrafish tell us about osteogenesis imperfecta? Paul Coucke (Ghent, Belgium)</p>	
	<p>09:45</p> <p>Disease in a dish: modelling skeletal dysplasias using human induced pluripotent stem cells John Bateman (Melbourne, Australia)</p>	
10:15	<i>Coffee</i>	
10:45	<p><i>High Tor (all sessions)</i></p> <p>Oral Communications</p>	
11:15	<p>Debate on the utility of different systems to inform translation into clinical studies Antonella Forlino (Pavia, Italy) Frank Rauch (Montreal, Canada)</p>	
12:00	Posters	
13:00	<i>Lunch</i>	
14:00	Bench to bedside – making it work for patients	
14:00	<p>Early phase studies Brendan Lee (Houston, USA)</p>	
14:30	<p>Clinical management of rare bone diseases: lessons and synergies across diseases – include co-morbidities and adverse effects of interventions Outi Mäkitie (Stockholm, Sweden)</p>	
15:00	<p>Integrated care: the holistic approach Paul Arundel (Sheffield, UK)</p>	
15:30	<i>Coffee</i>	
16:00	Oral communications	

17:00	Plenary Lecture Surgical solutions when bone material is abnormal Peter Smith (Chicago, USA)
17:30	<i>Close</i>
19:00- 22:00	<i>Conference Dinner</i> <i>Sheffield Cathedral</i>

Tuesday 8 September	
08:45	<i>High Tor (all sessions)</i> Advancing clinical practice, 2020 and beyond
08:45	Current and future treatment perspectives for osteogenesis imperfecta – include old and new medicines, stem cells Nick Bishop (Sheffield, UK)
09:15	Surgical management of skeletal dysplasia – lessons for osteogenesis imperfecta Tae-Joon Cho (Seoul, South Korea)
09:45	The challenges of intramedullary rodding Paul Esposito (Nebraska, USA)
10:15	<i>Coffee</i>
10:45	Oral Communications
11:15	Round table discussion Current investigator-led clinical trials in osteogenesis imperfecta
12:30	Plenary departure address What does a good osteogenesis imperfecta service look like?
13:00	<i>Lunch and depart</i>