

Programme: **Sunday 27th of August**

**17:00 - 17.20**

**Welcome address**

*Chairs:* Lena Lande Wekre (Programme Chair)
Inger-Margrethe Stavdal Paulsen (Chair of NFOI)

**17:20 - 18.45**

**Keynote lectures**

**17.20 - 18.00**

Biomimicry – could it help us find novel treatment strategies for human disease?
*Peter Stenvinkel (Stockholm, Sweden)*

**18.00 - 18.40**

The Role of the Osteocyte in Muscle/Bone Crosstalk
*Lynda Bonewald (Kansas City, US)*

**18.45 - 20.00**

**Welcome Reception**

EXPO HALL FOYER

*Followed by free time*
Programme: **Monday 28th of August**

**09:00 - 09:15** Opening remarks

**09:15 - 11:00**

**Session 1** Genotype - Phenotype - Diagnosis  
Moderator: David Silence (Sydney, Australia)

**Invited speaker:** Paul Coucke (Ghent, Belgium):  
Further insights in the pathogenetic mechanism of OI through human and zebrafish

**Oral communications**

**11:30 - 13:00**

**Session 2** Collagen: mutations and altered modification  
Moderator: Joan Marini (Bethesda, US)

**Invited speaker:** Ruud A Bank (Groningen, The Netherlands)  
Molecular insights into lysyl hydroxylation and cross-linking of fibrillar collagens in normal and diseased bone

**Invited speaker:** Richa Garva (Manchester, UK)  
The clock ticks for collagen

**Oral communications**

**13:00 - 14:00**

**Buffet lunch/Exhibits/Posters**  
*Lunch is served in the Brasserie X restaurant.*

**14:00 - 15:00**

**Session 3** Debate: "This house believes that stem cell transplant is the optimal treatment of OI”  
Moderator: Bente Lomholt Langdahl (Århus, Denmark)

**Invited speakers:**  
Cecilia Götherström (Stockholm, Sweden)  
Nick Bishop (Sheffield, UK)
15:15 – 17:00
**Session 4  Orthopaedic Developments**
Moderator: Richard Kruse (Wilmington, DE, US)

**Invited speaker:** Thomas Wirth (Stuttgart, Germany)
Surgery in upper extremities in OI

**Oral communications**

17:30
**Social programme (faculty dinner & sightseeing tour for participants)**
Programme: **Tuesday 29th of August**

**09:00 - 09:15** Opening remarks

**09:15 - 11:00**

**Session 5  The Connective Tissue Spectrum in OI**
Moderator:  Jannie Dahl Hald (Århus, Denmark)

Invited speakers:

- **Lars Folkestad (Odense, Denmark)**  
  Cardiovascular diseases in patients with Osteogenesis Imperfecta – a nationwide, register-based cohort study

- **Barbro Malmgren (Stockholm, Sweden)**  
  Tooth agenesis in osteogenesis imperfecta; prevalence, mutations and therapeutic considerations

- **Hollis Chaney (Washington, US)**  
  Pulmonary Complications of Osteogenesis Imperfecta

**Oral communications**

**11:30 - 13:00**

**Session 6  Bone Tissue in Human OI, Mice and Z-fish models**
Moderator:  Peter Byers (Seattle, US)

Invited speaker:  Nadja Fratzl-Zelman (Vienna, Austria)
Bone material characteristics in human Osteogenesis imperfecta (OI) and mouse models

**Oral communications**

**13:00 - 14.00**

**Buffet lunch/Exhibits/Posters**
*Lunch is served in the Brasserie X restaurant.*

**14:00 - 15:25**

**Session 7  Current status in treatment - Expo Hall 2 + 3**
Moderator:  Francis Glorieux (Montreal, Canada)

Invited speaker:  Brendan Lee (Texas, US)  
Implications of Excessive TGFb signaling in Collagen-related forms of OI on Treatment

**Oral communications**
15:45 - 17:05
Parallell workshops

1. Unmet needs in preclinical/animal research (basic) - Iderommet
   Moderator: Oliver Semler (Cologne, Germany)

   Introduction to discussion: Chris Niyibizi (Hershey, US):
   Animal models of osteogenesis imperfecta and their application in testing novel therapies

   Debate

2. Follow up in OI – all ages (clinical) - Expo Hall 2 + 3
   Moderator: Eva Åström (Stockholm, Sweden)

   Introduction to discussion: Francis Glorieux (Montreal, Canada) – children
   Lars Folkestad (Denmark) / Lena L Wekre (Norway) – adults

17:30 - 18:30
Session 8  Rehabilitation /Pain /Quality of life (in paralell with Workshop - Orthopeadic techniques) - Expo Hall 2 + 3
   Moderator: Lena Lande Wekre (Oslo, Norway)

Oral communications

17:30 - 18:45
Workshop - Orthopaedic techniques (in paralell with session 8) - Iderommet
   Moderators: Ivan Hvid (Oslo, Norway) & Thomas Wirth (Stuttgart, Germany)

   Introductions to discussion:
   • Francois Fassier (Montreal, Canada)
   • Miguel Galban (Medellín, Colombia)
   • Darko Anticevic (Zagreb, Croatia)
   • Inger Holm (Oslo, Norway)

20:00 - 23:00  Aperitif & Conference dinner

   Aperitif is served in the Reception Bar
   Conference dinner (3 course sit down dinner) is served in the Expo Hall.
Programme: **Wednesday 30th of August**

09:00 - 09:15  *Opening remarks*

09:15 - 10:45  **Session 9  New genes for OI**

Moderator:  Antonella Forlino (Pavia, Italy)

**Invited speaker: Joan Marini (Bethesda, MD, US)**

What is Osteogenesis Imperfecta (OI) in 2017?

**Oral communications**

11.10 - 11.30  **Patient Organisations**

*Ingunn Westerheim (OIFE) & Tracy Hart (OIF)*

The role of the patient organisations

11:30 – 12:30  **Session 10  Consortia in OI**

Moderator:  Nick Bishop (Sheffield, UK)

**Invited speaker: Luca Sangiorgi (Bologna, Italy)**

European Reference Network for Rare Bone Disorders, ERN – BOND

**Invited speaker: Vernon R. Sutton (Texas, US)**

“The American way” - Brittle Bone Disorders Consortium

**Debate**

12.45 - 13.00  **Closing and final remarks**

*Announcement of the 14th International conference on OI*

**From 13.00**

*Grab & Go Lunch*