



3rd Herbert Fleisch Workshop

17-19 MARCH 2019

BRUGGE, BELGIUM

KU LEUVEN

MEETING PROGRAMME

Sunday 17 March 2019

- 11:30- 17.00 Registration open
- 12:30-14:00 Lunch
- 14:00-14:15 Welcome – by Roger Bouillon**

14:15-16:15

Session 1: Osteoblast biology in health, disease and ageing of the skeleton

[Chairs: T.J. Martin and Christa Maes]

- 14.15-15:15 - **Keynote lecture: “Senescence of bone cells”**
Sundeep Khosla (Mayo Clinic, USA)

- 15:15-16:15 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

- OC1 Takahata, Yoshifumi*
- OC2 Rummukainen, Petri Juhani*
- OC3 Zhu, Xiaofang*
- OC4 Doolittle, Madison*
- OC5 Bek, Jan Willem*

- 16:15 Coffee Break

- 16:15-18:15 **POSTER VIEWING AND DISCUSSION**

- 18:45 Assemble for walking to the conference dinner (hotel lobby)

- 19:00 **CONFERENCE DINNER** [included in registration]: **Networking event**

Monday 18 March 2019 (morning)

8:30-10:30

Session 2: Diet, Microbiome, and Bone Health

[Chairs: Sundeep Khosla and Aline Bozec]

8.30-9:30 - **Keynote lecture: "Microbiome and bone"**

Claes Ohlsson (Gotheborg, Sweden)

9:30-10:20 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

OC6 De Samblancx, Karen

OC7 Zhang, Qian

OC8 Brennan-Speranza, Tara Clare

OC9 Kastrenopoulou, Afroditi Grigoria

10:20-10:50 Coffee Break

10:50-12:50

Session 3: Links between the skeleton and broader (patho-)physiology

[Chairs: Francis Glorieux and Pamela Robey]

10:50-11:50 - **Keynote lecture: "Cancer and bone"**

Peter Croucher (Garvan Institute, Australia)

11:50-12:40 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

OC10 Standal, Therese

OC11 Mesnieres, Marion

OC12 Sitara, Despina

OC13 Kim, Na Ri

12:40-13:40 Lunch

Monday 18 March 2019 (afternoon)

14:00-15:00 **POSTER VIEWING AND DISCUSSION**

15:00-17:00

**Session 4: Molecular and Cellular Mechanisms Regulating
Skeletal Remodeling**

[Chairs: Marjolein Van der Meulen and Jan Tuckermann]

15:00-16:00 - **Keynote lecture: “Mechanisms of regulation of osteoclast differentiation”, Sakae Tanaka (Tokyo University, Japan)**

16:00-16:50 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

OC14 Materozzi, Maria

OC15 Bozec, Aline

OC16 Saeki, Noritaka

OC17 Jouan, Yohan

16:50-17:10 Coffee Break

17:10-17:50

Special keynote historical lecture celebrating 50 years of bisphosphonates, the prime bone resorption-inhibiting drugs used in clinical therapeutics

[Introduced by T.J. Martin]

“History of bisphosphonates”

Graham Russell (Oxford University, UK)

18:20 Assemble for walking to the city hall (hotel lobby)

19:00-20:00 **RECEPTION at City Hall + Group picture** [+ on your own for dinner]

Tuesday 19 March 2016 (morning)

08:30-10:20

Session 5: Skeletal Stem and Progenitor Cells (SSPCs) for Bone Growth and Regeneration

[Chairs: Peter Croucher and Bram van der Eerden]

8:30-9:30 - **Keynote lecture: “Stem cells and bone”**

Pamela Robey (NIH, USA)

9:30-10:20 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

OC18 Böhm, Anna-Marei

OC19 Trompet, Dana

OC20 Brianna Harley

OC21 Herpelinck, Tim

10:30-12:00

Methodological / thematic interactive workshops

[Including coffee and drinks]

In this session, three interactive workshops will be given by keynote speakers. Each workshop spans 45 minutes, such that attendees can follow up to 2 workshops of their choice.

[Workshop timeslots 1 and 2: **10:30 – 11:15** and **11:15 – 12:30**]

The specific topics that will be covered in this session are:

- **“Studying and correctly identifying skeletal stem cells” (Pamela Robey)**
- **“Determining the mechanical performance and adaptation of the skeleton” (Marjolein Van der Meulen)**
- **“Modelling malignancy in the skeleton” (Peter Croucher)**

12:00-12:30

POSTER VIEWING AND DISCUSSION

12:30-13:30

Lunch

Tuesday 19 March 2016 (afternoon)

13:30-15:00

Session 6: Musculoskeletal Mechanobiology

[Chairs: Claes Ohlsson and Yuuki Imai]

13:30-14:30 - **Keynote lecture: “Mechanosensing and bone”**
Marjolein Van der Meulen (Cornell University, USA)

14:30-15:00 **Oral presentations** [Selected from submitted abstracts, 8+4 min each]

OC22 Couasnay, Greig

OC23 Sharma, Aikta

15:00-15:20 Closing Remarks and Best Poster and Oral Communication Awards

15:35 Assemble for city tour (hotel lobby)

15:45 – 17:45 **BRUGGE CITY EXCURSION AND MUSEUM VISIT** [10 Euro cash per person]