



# ECTS PhD TRAINING COURSE

1-4 Sept 2018 • The Netherlands

## Course Co-Chairs:

Astrid Bakker (*Netherlands*)

Nuria Guañabens (*Spain*)

Willem Lems (*Netherlands*)

Gudrun Stenbeck (*UK*)

## Venue:

Koos Vorrinkhuis

Lage Vuursche

The Netherlands

[www.koosvorrinkhuis.nivon.nl](http://www.koosvorrinkhuis.nivon.nl)

## SCIENTIFIC PROGRAMME

### SATURDAY 1 SEPTEMBER 2018

- 12:30      **REGISTRATION OPEN**
- 13:30-13:45    **Introduction**  
*Astrid Bakker (NL) & WF Lems (NL)*
- 13:45-14:30    **Bone cells: the basics**  
*Gudrun Stenbeck (UK)*
- 14:30-15:15    **Clinical aspects of osteoporosis**  
*Carola Zillikens (NL)*
- 15:15-15:30    **BREAK**
- 15:30-16:15    **Osteogenesis Imperfecta, from bench to bedside and back**  
*Fleur Van Dijk (UK)*
- 16:15-17:00    **Keynote lecture: Interaction between the skeleton and the nervous system**  
*Cliff Rosen (USA)*
- 17:00-17:15    **BREAK**
- 17:15-18:30    **Speed mentoring**
- 19:00      **DINNER**
- 20:30      **Posters**

## SUNDAY 2 SEPTEMBER 2018

- 08:00 **BREAKFAST**
- 09:00-09:45 **Bone adaptation to mechanical stimuli in practice** *Michaël Laurent (BE)*
- 09:45-10:30 **Basics of mechanobiology** *Astrid Bakker (NL)*
- 10:30-10:45 **BREAK**
- 10:45-11:30 **Available techniques to assess bone quality** *Joop van den Berg (NL)*
- 11:30-12:15 **Workshop I: How to get your abstract selected for an oral presentation** *Andrea Burden (NL)*
- 12:30-13:30 **LUNCH**
- 13:30-15:00 **Student presentations I**
- 15:00-15:30 **BREAK**
- 15:30-16:15 **High Resolution imaging of osteocytes** *Miep Helfrich (UK)*
- 16:15-17:00 **Fractures: Why is fracture risk elevated in DM type 2? Is there a link with bone marrow fat?** *Cliff Rosen (USA)*
- 17:00-18:30 **Poster viewing**
- 18:30-20:00 **DINNER**
- 20:00-21:00 **Guided walk**

## MONDAY 3 SEPTEMBER 2018

- 08:00 **BREAKFAST**
- 09:00-09:45 **Osteoimmunology: Inflammation in the development of osteoarthritis** *Piet Geussens (NL)*
- 09:45-10:30 **Osteoimmunology: Can we prevent osteoporosis in rheumatic diseases?** *W F Lems (NL)*
- 10:30-10:45 **BREAK**
- 10:45-12:15 **Student presentations II**
- 12:30-14:00 **LUNCH**
- 14:00-14:45 **Anabolic therapies: Ode to the osteoblast: Strategies for bone regeneration**  
*Bram van der Eerden (NL)*
- 14:45-15:30 **Anabolic therapies: The Clinic** *Bente Langdahl (DK)*
- 15:30-15:45 **BREAK**
- 15:45-16:45 **Workshop II: Public engagement** *Astrid Bakker (NL) & Annegreet Veldhuis Vlug (NL)*
- 17:00-18:00 **Debate**
- 19:00 **Dinner in a traditional Dutch pancake house**

## TUESDAY 4 SEPTEMBER 2018

- 08:00 **BREAKFAST**
- 09:00-09:45 **Genetic aspects of bone diseases** *Andre Uitterlinden (NL)*
- 09:45-10:30 **Towards a cure for Fibrodysplasia ossificans progressiva** *Gonzalo Sanchez Duffhues (NL)*
- 10:30-10:45 **BREAK**
- 10:45-12:15 **Workshop III: How to optimize your graphs** *Maarten Boers (NL)*
- 12:00-12:15 **Concluding remarks**
- END OF TRAINING COURSE**