

1st Danish Bone Research Workshop at Sandbjerg

February 2-4, 2018

Preliminary program:

Friday, February 2

5:45 PM – 6:00 PM **Welcome**

Thomas L. Andersen

6:00 PM – 7:30 PM **Dinner**

7:30 PM – 8:30 PM **Session 1**

Chair: Morten F. Nielsen ***Tailoring, targeting and discontinuance of anti-osteoporotic treatments***

7:30 PM – 8:00 PM Recruitment of osteoblasts at bone resorption sites: a must to prevent bone loss
Prof. PhD Jean-Marie Delaisse, Clinical Cell Biology, Vejle Hospital, University of Southern Denmark

8:00 PM – 8:30 PM Personalised medicine; targeting and discontinuing anti-osteoporosis treatments
Prof. PhD dr.med Bente Langdahl, Dept. of Endocrinology and metabolisme, Aarhus University Hospital

8:30 PM - 9:00 PM **Session 2**

Chair: Jesper S. Thomsen ***SNAPs of posters***

9:00 PM – 10:00 PM **Posters**

Saturday, February 3

8:00 AM – 9:00 AM **Breakfast and networking**

9:00 AM – 10:00 AM **Session 3**

Chair: Tanja Sikjær ***Fractures and implants***

9:00 AM – 9:30 AM Dynamic radiostereometric analysis (RSA) in orthopedic implants and joint stability
Associate Prof. PhD Maiken Stilling, Dept. of Orthopaedics, Aarhus University Hospital

9:30 AM – 10:00 AM Tissue engineering of biomaterials for implant fixation and bone regeneration
Prof. PhD Ming Ding, Orthopaedic Research Laboratory, Dept. of Orthopaedic Surgery & Traumatology, Odense University Hospital

10:00 AM – 10:15 AM **Break**

10:15 AM – 12:00 AM **Session 4**

Chair: Jesper S. Thomsen ***Methods & technologies in bone research***

10:15 AM – 10:50 AM	Synchrotron micro-, nano- and multimodal tomography: 3D imaging of bone at the nanoscale <i>Associate Prof. PhD Henrik Birkedahl, iNANO, Aarhus University</i>
10:50 AM – 11:25 AM	Measuring and predicting the elastic strain in bone during growth and aging <i>Associate Prof. PhD Mariana Kersh, Dept. of Mechanical Science and Engineering, Illinois University at Urbana-Champaign, IL, USA</i>
11:25 AM – 12:00 AM	Identification of novel targets regulating skeletal stem cell biology using proteomic analysis <i>Assistant Prof. PhD Abbas Jafari, Dept. of Cellular and Molecular Medicine, University of Copenhagen</i>
12:00 AM – 1:40 PM	Lunch and networking
1:40 PM – 4:00 PM	Session 5
Chair: Thomas L. Andersen	Aging and bone
1:40 PM – 2:10 PM	Age indicators in bones - an archaeological perspective <i>Prof. PhD dr.med Jesper Boldsen, ADBOU, Institute of Forensic Medicine, University of Southern Denmark</i>
2:10 PM – 2:40 PM	Age-related microarchitectural changes of human vertebral and iliac crest bone <i>Associate Prof. PhD dr.med Jesper Skovhus Thomsen, Biomedical Institute, Aarhus University</i>
2:40 PM – 3:10 PM	Influence of Aging and osteoporosis on bone remodeling <i>Associate Prof. PhD Thomas Levin Andersen, Clinical Cell Biology, Vejle Hospital, University of Southern Denmark</i>
3:10 PM – 3:30 PM	Influence of Aging on Osteoclasts <i>Associate Prof. PhD Kent Søe, Clinical Cell Biology, Vejle Hospital, University of Southern Denmark</i>
3:30 PM – 4:00 PM	Senescence of osteoblastic cells: targeting for enhancing bone formation <i>Prof. PhD dr.med Moustapha Kassem, KMEB lab, Odense University Hospital</i>
4:00 PM – 4:30 PM	Break
4:30 PM – 6:00 PM	Session 6
Chair: Morten F. Nielsen	Diabetes and bone
4:30 PM – 5:00 PM	Bone structural deterioration in diabetes- another diabetic complication? <i>Postdoc PhD Vikram V. Shanbhogue, Medical Endocrinology, Odense University Hospital</i>
5:00 PM – 5:30 PM	Anti-diabetic treatments and bone - cause for concern? <i>PhD Jakob S. Linde, Aalborg University</i>
5:30 PM – 6:00 PM	Bone marrow adiposity in obesity and type 2 diabetes <i>PhD Michaela Tencerova, KMEB lab, Odense University Hospital</i>
6:00 PM – 7:00 PM	Session 7
Chair: Niklas R. Jørgensen	Short orals of posters
7:00 PM – 8:30 PM	Dinner
8:30 PM - 9:00 PM	Session 8
Chair: Tanja Sikjær	SNAPs of posters
9:00 PM – 10:00 PM	Posters

Sunday, February 4

8:00 AM – 9:00 AM **Breakfast and networking**

9:00 AM – 10:15 AM **Session 9**

Chair: Pernille Hermann **Inflammation and bone**

9:00 PM – 9:25 PM Rheumatoid arthritis
Prof. PhD Ellen Hauge, Dept. of Clinical Medicine, Aarhus University

9:25 PM – 9:50 PM Factors that influence formation of bone erosions in rheumatoid arthritis
Prof. PhD dr.med Bent Deleuran, Biomedical Institute, Aarhus University

9:50 PM – 9:15 PM Paleoepidemiological studies of tuberculosis and leprosy
Post Doc. PhD Dorthe D. Pedersen, ABBOU, Institute of Forensic Medicine, University of Southern Denmark

10:15 AM – 10:30 AM **Break**

10:30 AM – 12:00 AM **Session 10**

Chair: Niklas R. Jørgensen **Cancer and bone**

10:30 AM – 11:00 AM Investigating the role of P2X7R in human myeloma cell lines
Postdoc PhD Ankita Agrawal, Dept. of Clinical Biochemistry, Rigshospitalet

11:00 AM – 11:30 AM Bone cancer and pain
Associate Prof. PhD Anne-Marie Heegaard, Experimental Pharmacology, University of Copenhagen

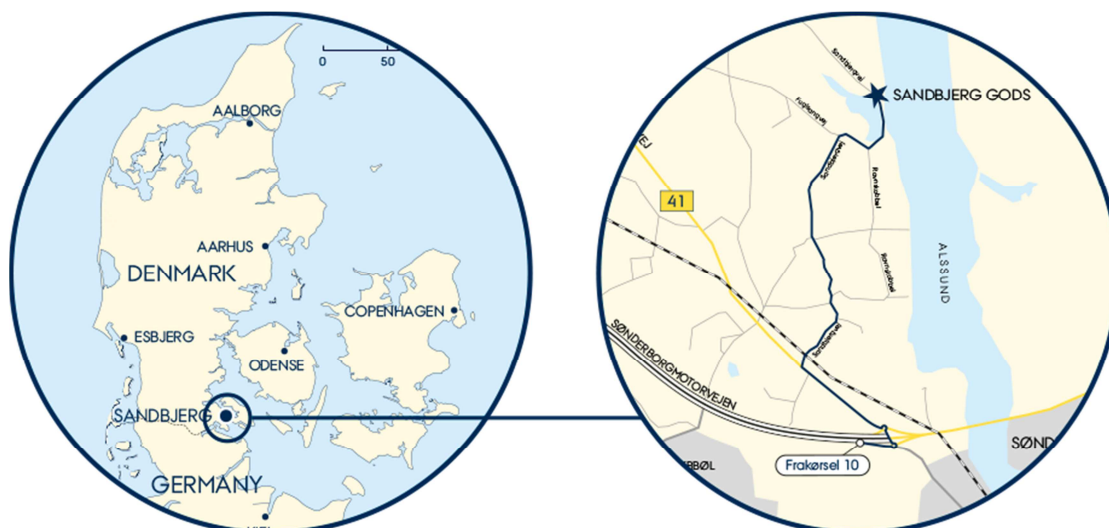
11:30 AM – 12:00 AM Breast cancer and bone
Associate Prof. PhD Kent Søb, Clinical Cell Biology, Vejle Hospital, University of Southern Denmark

12:00 AM – 1:00 PM **Lunch and farewell**

Location:

Sandbjerg Estate
Aarhus University Conference Center
Sandbjergvej 102
DK-6400 Sønderborg
Denmark

<http://www.sandbjerg.dk/en/>



Registration and abstract deadline:

The registration and abstract deadline is November 15th, 2017.

Because of a limited housing facility, the number of attendees is limited to 74, including the invited presenters. The registration is now open and will be on a first come first served principle. One may register at an earlier time point and then later submit an abstract, but no later than November 15, 2017. Note that the registration is binding.

The registration and abstract submission is done by e-mail to klinisk.patologi@rsyd.dk.
Entitle the e-mail: Danish Bone Workshop.
Questions regarding the workshop can be e-mailed to Thomas.Levin.Andersen@rsyd.dk.

All submitted abstracts will be presented both orally and as a poster.
The oral presentations will either be SNAPs, which are short 1-2 min presentations, or short orals, which are 5 min presentations.

Attendees registering as a student are expected to submit an abstract, even if they just have started their research project.

Registration fee:

Student: 1000 DKK excl. VAT

Non-student: 1500 DKK excl. VAT

The fee includes housing and catering, as well as to some extent beverage.

Abstract:

The abstract should be a one-page A4 document with an abstract title, author's names and affiliations, and abstract body. The text should be Arial size-10 and the title should be in bold. One may also include illustrations and tables, if it together with the text can fit within one A4 page with a 2 cm margin. The abstract should be submitted as a pdf file.

Organization committee:

Associate Prof. PhD Thomas Levin Andersen, Vejle Hospital, SDU; Thomas.Levin.Andersen@rsyd.dk

Associate Prof. PhD Jesper Skovhus Thomsen, AU; jst@biomed.au.dk

Postdoc PhD Tanja Sikjær, AUH; tanja.sikjaer@gmail.com

Clinical Associate Prof. PhD Pernille Hermann, OUH; Pernille.Hermann@rsyd.dk

Postdoc PhD Morten Frost Nielsen, OUH; frostnielsen@yahoo.com

Clinical Prof. PhD Niklas Rye Jørgensen, SDU; Niklas@dadlnet.dk