

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 Stiling, 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 Birkedal, 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
<i>Chair: Thomas L. Andersen</i>	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 S�e, 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
<i>Chair: Morten F. Nielsen</i>	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, Department of Endocrinology and Internal Medicine, Aarhus University Hospital</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
<i>Chair: Niklas R. J�rgensen</i>	Short orals of posters
7:00 PM – 8:30 PM	Dinner
8:30 PM - 9:00 PM	Session 8
<i>Chair: Tanja Sikj�r</i>	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 Søe, Clinical Cell Biology, Vejle Hospital, University of Southern Denmark

12:00 AM – 1:00 PM

Lunch and farewell
