

Symposium

Technology Platform for Drug Development

Thursday 28 August 2014

13.00 – 16.00

Aalborg University, Fredrik Bajers Vej 7A, room A4-108

We are hereby pleased to invite you to an event marking the ending of a large scale research project on development of pain and serological biomarkers for the improvement of diagnosis and management of painful knee osteoarthritis. The project has been supported by the Danish National Advanced Technology Foundation (InnovationsFonden).

Approx. 16% of the adult population suffers from chronic pain and 2/3 of those suffer from musculoskeletal pain. Few efficient drugs exist and no new compounds have been introduced to the market for many years. The knowledge related to the neurobiology of the pain system has exploded over the last 15 years, resulting in massive investments in developing new pain drugs, even though fewer drugs are approved by the authorities. Technologies which can help successful development are highly needed, and the scope of the project has been to help develop such technologies for a specific area: Efficient development of medicine for musculoskeletal pain.

Thanks to a combined technological, serological and clinical technological biomarker platform new tools for the pharma industry and new diagnostic and treatment paradigms have been developed. The results of the project will be presented during the afternoon.

- 13.00 – 13.10 **Welcome.** Project leader Lars Arendt-Nielsen, Aalborg University and Ole H. Simonsen, Aalborg University Hospital.
- 13.10 – 13.35 **Serological biomarkers: Can they be used for localized diseases such as knee OA?** Morten Karsdal and Anne-Christine Bay-Jensen, Nordic Bioscience.
- 13.35 – 13.50 **Pain biomarkers in knee OA: Pre- and post-operative monitoring.** Lars Arendt-Nielsen, Aalborg University.
- 13.50 – 14.05 **Subdivision of OA patients.** Kristian Kjær Petersen, Aalborg University.
- 14.05 – 14.20 **Post-operative pain and sensitisation after total knee replacement.** Søren Thorgaard Skou, Aalborg University Hospital.
- 14.20 – 14.35 **CUFF algometry in knee OA.** Thomas Graven-Nielsen, Aalborg University.
- 14.35 – 14.50 **Knee OA as an important target for pharma: Disease modifying agents and analgesics.** Hans Christian Hoeck, CCBR Clinical Research.
- 14.50 – 15.05 **New treatment modalities in OA.** Ole H. Simonsen, Aalborg University Hospital.

15.05 – 15.15 **Success criterions for HTF sponsored projects and future perspectives.** Jacob Dahl Wedel, InnovationsFonden.

15.15. 16.00 **Networking**

Eir – Empowering Industry and Research sponsors the symposium as an inspiring example of how private - public cooperation can lead to groundbreaking results.

Deadline for registration is the 22 August 2014. To register, please send an e-mail to Lone Schødt Andersen (lonesa@hst.aau.dk).

Best regards

Lars Arendt-Nielsen