

Gisela Sjøgaard, professor emeritus DMSc
Symposium
“Physical activity for neuromuscular health in a life span”

Friday September 1, 2017 10.00-16.30

Department of Sport Sciences and Clinical Biomechanics
Building 39, Lab for Play and Innovation
SDU, Campusvej 55, DK-5230 Odense M

The symposium is a tribute to the development within *Physical activity and clinical exercise* during Gisela Sjøgaard's 40 years of research in muscular function. It also marks the 20 years anniversary of Gisela's appointment as IOB's first professor 1. September 1997. Finally, it marks Gisela's inauguration as professor emeritus in 2017.

Three internationally recognized scientists within muscle physiology, physical activity and health, Professors Roger Enoka, Mary Barbe, and Taija Finni and a number of Danish researchers will present state of the art and lay out future paths to explore within the topic of the symposium.

- 10.00-10.05 Chair: Karen Søgaard, Professor: Welcome
10.05-10.15 Mogens Hørder, Professor, video presentation: How it all began
10.15-11.00 Roger Enoka, Professor, University of Colorado, USA: Control of neuromuscular function: motor units and muscle fibers
11.00-11.20 Ernst Albin Hansen, Associate Professor: Movement frequency modulation in the optimization of physical performance
11.20-11.40 Pascal Madeleine, Professor: Motor control, muscle mechanics and muscle pain
11.40-12.00 Birgit Juul-Kristensen, Associate Professor: A clinical approach to systematic classification of muscle function and disorder.
12.00-12.45 *Lunch break*
- 12.45-13.30 Mary Barbe, Professor, Temple University, Philadelphia, USA: High repetitive work and muscular overload.
13.30-13.50 Niels Ørtenblad, Professor: Integrative perspectives on work-related muscle fatigue
13.50-14.15 *Coffee break*
- 14.15-15.00 Taija Finni, Professor, Jyväskylä University, Finland: Physical activity and health.
15.00-15.15 Mette Korshøj, Researcher: Aerobic work load and training in relation to musculoskeletal health
15.15-15.25 Pernille Vedsted, Researcher: From muscle physiology to working life
15.25-15.30 *Walk and talk break – “stretch your legs”*
- 15.30-15.50 Gisela Sjøgaard: Inaugural lecture by professor emeritus: Physical Activity as Cause and Cure of Muscular Pain.
15.50-16.00 Jørgen Poulsen: The research profile of IOB and it's development since the first professor appointment in 1997

16.00 A reception will be held after the seminar.

If you wish to participate, we kindly ask you to register [here](#) no later than August 21, 2017.

Kind regards
Ole Skøtt Dean, Professor, DMSc
Faculty of Health Sciences, SDU

[Driving directions](#)