



INVITATION:

**OFFICIAL LAUNCH OF THE CORE FACILITY MOVELAB
INTERDISCIPLINARY MEDICAL & HEALTH SEMINARS**

MOVELAB KICK-OFF

MoveLab is a newly recognised core facility at Ghent University, led by professors Wim Derave and Erik Witvrouw. It provides know-how and infrastructure for lab-based and ambulatory evaluation of exercise capacity, sports performance, locomotion, motor skills and movement behavior, and provides them to the UGent research community and external partners. The laboratories are mainly based at the Department of Rehabilitation Sciences (Campus UZ Gent) and the Sport Science Laboratory (SSL) - Jacques Rogge (Campus Dunant).

THURSDAY JANUARY 16, 2025 • THE CORE, UZ GENT, ENTRY 24

2:30 PM

Welcome speech
by Prof. Hans Van Vlierberghe

2:40 PM

Presentation of **MoveLab** by Frédéric Clement, Prof. Wim Derave and Prof. Erik Witvrouw

3:10 PM

Keynote 1: Prof. Ruth Loos (University of Copenhagen) 'Interactions between lifestyle and genetic susceptibility to obesity'

4:00 PM

Active break

4:10 PM

Keynote 2: Prof. Ulf Ekelund (Norwegian School of Sport Sciences) 'Dose-response associations between physical activity, sedentary time and risk for morbidity and mortality'

5:00 - 6:00 PM

Networking reception

REGISTRATION

‘INTERACTIONS BETWEEN LIFESTYLE AND GENETIC SUSCEPTIBILITY TO OBESITY’

Professor Ruth Loos is a globally recognized leader in the field of genetic epidemiology. After studying Movement Sciences at the KULeuven, she has held prestigious research positions at the University of Cambridge, Pennington Biomedical Research Center and Icahn School of Medicine in New York. She is now Vice Executive Director at the Novo Nordisk Foundation Center for Basic Metabolic Research in Copenhagen. She has dedicated her career to unraveling the complex interplay between genetic factors and lifestyle, such as physical activity, in the development of obesity. Professor Loos will discuss the latest advances in this dynamic area, shedding light on how lifestyle interventions can combat obesity more effectively.



‘DOSE-RESPONSE ASSOCIATIONS BETWEEN PHYSICAL ACTIVITY, SEDENTARY TIME AND RISK FOR MORBIDITY AND MORTALITY’

Professor Ulf Ekelund is a world-wide leading scholar in the field of physical activity research. He was trained in Exercise Science and Preventive Medicine in Sweden (Örebro and Karolinska Institutet) and was a principal investigator in Cambridge and now in Oslo. His highly cited research (>100.000 citations) includes assessment and population trends of physical activity and sedentary time and their role in preventing chronic diseases. He is a prominent expert, consulted by the World Health Organisation and the International Olympic Committee for developing guidelines. In his talk, he will present his cutting-edge epidemiological evidence into the dose-response relationship of physical activity for health.

