

Lifestyle-related Skeletal Muscle Diseases - from Mechanism to Drug

	Monday June 4th Muscle mass	Tuesday June 5th Muscle metabolism	Wednesday June 6th -Conference day 1	Thursday June 7th -Conference day 2	Friday June 8th - Tools and industry
8.15-9.00	Obesity and physical inactivity as drivers of muscle disease (Faidon Magkos)	Muscle glucose metabolism in health and disease (Erik Richter)			Adeno-associated vira (Paul Gregorevic)
9.15-10	PhD pitches	Muscle insulin resistance – is lipotoxicity the driver? (Bente Kiens)	9-14: KU LOM Young investigator presentations at Medical Museion – see KU LOM program for details	9-17.45: KU LOM conference day 2	Next-generation imaging (Paul Verkade)
10.00-10.30	Coffee-break	Coffee-break			Coffee-break
10.30-11.15	Regulation of muscle atrophy (Paul Gregorevic)	PhD pitches II			Next-generation omics (Atul Deshmukh)
11.30-12.15	Animal models of hypertrophy (Riki Ogasawara)	Omics-based investigation of metabolic regulation (David E James)			In vitro 3D models of human muscle (Johan U Lind)
12.15-13.15	Lunch-break	Lunch-break			Lunch-break
13.15-14.00	Pharmaceutical possibilities within muscle growth (Bo Falck Hansen)	Exercise as an insulin-sensitizer in muscle (Jørgen Wojtaszewski)			Next-generation animal models and CRISPR (Cord Brakebusch)
14.15-15.00	Cachexia-atrophy and insulin resistance (Lykke Sylow)	Obesity-drugs from an industry perspective (Sebastian B Jørgensen)	14-18.10: KU LOM conference Obesity Theories		Drug discovery the American way (Christian Pehmøller)
15.00-15.30	Coffee-break	Coffee-break			Farewell and diplomas
15.30-17.00	Journal club PG	Journal club DEJ			
18-?	Course dinner		Conference Dinner	Social event+dinner (TBA)	

Speakers:

Faidon Magkos, Singapore Institute of Clinical Sciences, Singapore

Paul Gregorevic, Baker Heart and Diabetes Institute, Melbourne

Riki Ogasawara, Nagoya Institute of Technology

Bo Falck Hansen, Novo Nordisk

Lykke Sylow, Department of Nutrition Exercise and Sports (NEXS), University of Copenhagen

Erik Richter, NEXS,

Bente Kiens, NEXS

David E. James, Charles Perkins Centre, University of Sydney, Sydney.

Jørgen Wojtaszewski, NEXS

Sebastian Beck Jørgensen, Novo Nordisk

Paul Verkade, Bristol University, Great Britain

Atul Deshmukh, Novo Nordisk Foundation Center for Protein Research, University of Copenhagen

Johan Ulrik Lind, Technical University of Denmark (DTU)

Cord Brakebusch, Biotech Research and Innovation Centre (BRIC), University of Copenhagen

Christian Pehmøller, Pfizer Boston