

"Mechanisms regulating muscle mass and function"



Bert Blaauw, Ph.D.

Bert Blaauw is Associate professor at University of Padua, Italy.

Bert Blaauw's laboratory explores the cellular mechanisms underlying skeletal muscle adaptation and deterioration under physiological and pathological conditions. Particular emphasis is placed on the Akt-mTORC1 pathway, crucial in regulating muscle mass, contractile plasticity, and neuromuscular junction stability. His research integrates genetically modified animal models, biomechanical and transcriptomic analyses, and studies on human biopsies, to identify molecular

targets capable of preventing muscle strength loss associated with aging, cancer, and rare genetic diseases. His research has direct implications for the development of therapeutic strategies related to physical exercise and muscle metabolic activity.

Date: Tuesday, October 21st at **13:00**.

Place: **Eva & Georg Klein Lecture Hall**
Solnavägen 9

PLEASE REGISTER!

Mingle and "Meet the Professor" after the talk!

Host: Duarte Ferreira, Dept. of Physiology and Pharmacology.



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