



Why do we age?

Molecular and physiological mechanisms of aging

March 5th, 2021

Host: Laura Berliocchi,
UMG and UCPH



What it is about

This is an introductory online course on aging from a molecular and physiological perspective. The course is organized by the UMG PhD School in “Life and sciences and technologies” in collaboration with the Center for Healthy Aging at University of Copenhagen.

During this course, you will be introduced to how aging models are designed, and with specific examples you will know how this knowledge is obtained, how it is used today and tomorrow, and finally how it can be misused.

The course includes facilitated discussions, where you are tasked to identify advantages and disadvantages of how aging research is approached today, and how an interdisciplinary approach can be used in future projects.

Everyone is invited and welcome to join the morning presentations.
1 CFU credit will be rewarded to students upon attendance to the full course.

Speakers



Claus Desler is Associate Professor of Bioenergetics, Genome Stability and Aging at the University of Copenhagen (UCPH). He is a molecular biologist with speciality in aging and immuno-metabolism.



Jakob Agergaard is Senior Researcher at Institute of Sports Medicine Copenhagen (ISMC), Bispebjerg Hospital. As a human biologist he investigates the mechanisms regulating the turnover of tissue-proteins especially in skeletal muscle mass.



Jon Durhuus is a postdoctoral fellow at the HNPCC register at the Clinical Research Department, Hvidovre Hospital. He investigates cancer signatures in Danish Lynch syndrome families.

Program

Friday 5 th of March	
9:30 - 9:45	Welcome and introduction - Laura Berliocchi, Associate Professor UMG
9:45 - 10:30	Molecular models of aging - Claus Desler . Associate Professor. CEHA. University of Copenhagen
10:30 - 10:45	Break
10:45 - 11:30	Effects of aging on the musculoskeletal system - Jakob Agergaard . Senior Researcher. Institute of Sports Medicine Copenhagen. Bispebjerg Hospital
11:30 - 11:45	Break
11:45 - 12:30	Aging and cancer - Jon Durhuus . HNPCC Register. Hvidovre Hospital
12:30 - 13:15	Lunch break
13:15 - 14:30	Facilitated group work and joint discussion (For registered PhD students)

Want to know more?

Host

Laura Berliocchi - berliocchi@unicz.it

UCPH organizer

Claus Desler - cdesler@sund.ku.dk

For registration:

scuoladottorati@unicz.it

Course ID: **CV_S_091**