

The Molecular and Computational Biology Research School, University of Bergen, Norway:  
“MITOCHONDRIA, NOVEL BIOMEDICAL ASPECTS”  
November 5-9, 2007. Advanced course/workshop for PhD-students, 2 ECTS.

Information about the course:

During the last two decades our understanding of mitochondria as major contributors in health and disease has dramatically expanded. This course aims to give an introduction into the current status of mitochondria in a biomedical perspective. Molecular mechanisms and cellular events will be linked to human physiology and disease by experts in these fields. This will be an advanced course/workshop with a combined focus on established knowledge and novel research. The topics will cover multiple aspects of mitochondrial functions and interactions in cells, tissues and the body. In addition to energy metabolism, signalling and cell death, we will also learn about how mitochondrial DNA diversity can be used to study the development of the modern human. There will also be a demonstration on computational analysis of mitochondrial protein structures.

Lecturers:

Erika Hagelberg, University of Oslo, Norway  
Boris Zhivotovsky, Karolinska Institutet, Sweden  
Michael Duchon, University College London, UK  
Mathias Ziegler, University of Bergen, Norway  
Laurence Bindoff, University of Bergen, Norway  
Nathalie Reuter, University of Bergen, Norway  
Rolf K. Berge, University of Bergen, Norway  
Karl J. Tronstad, University of Bergen, Norway

Background requirements:

The students should have a basic understanding of biological principles in molecular biology, biochemistry and cell biology.

Location:

Department of Biomedicine (BB-building)  
University of Bergen, Norway

Accommodation:

Montana Vandrerhjem, Joh Blytts v 30, N-5096 Bergen. Phone +47 55208070  
Single room: 1600,- NOK (Nov 4-9, 1 person)  
Twin room: 1500,- NOK (Nov 4-9, 1 person)

Registration fee (external students): 1000,- NOK  
Lunch (optional for all students): 250,- NOK

For more information and registration queries please contact:

Karl Johan Tronstad  
Department of Biomedicine, UoB  
Jonas Lies vei 91  
N-5009 Bergen, Norway  
Email: [karl.tronstad@biomed.uib.no](mailto:karl.tronstad@biomed.uib.no)  
Phone +47 55586433