



scuolagalileiana
di studi superiori

**CORSI DI DOTTORATO
IN BIOSCIENZE
E IN SCIENZE BIOMEDICHE**
DIPARTIMENTO DI BIOLOGIA
DIPARTIMENTO DI SCIENZE BIOMEDICHE



MITOCHONDRIAL BIOLOGY AND GENETICS

Lectures at the Galilean School of higher education
Aula Magna – Collegio Morgagni, Via S. Massimo 33 - Padova

26 January 2015

h. 17:00-18:30, **Prof. Massimo Zeviani**

MRC Mitochondrial Biology Unit, Cambridge, UK

Introduction to mitochondrial biology and mtDNA genetics

h. 18:30-19:30, **Dr. Michal Minczuk**

MRC Mitochondrial Biology Unit, Cambridge, UK

Mitochondrial molecular genetics

27 January 2015, h. 17:00-19:30, Prof. Massimo Zeviani

Mitochondria and the evolution of eukaryotes

2 February 2015

h. 17:00-18:30, **Prof. Massimo Zeviani**

The respiratory chain and oxidative phosphorylation

h. 18:30-19:30, **Dr. Mike Murphy**

MRC Mitochondrial Biology Unit, Cambridge, UK

Mitochondrial ROS production

3 February 2015, h. 17:00-19:30, Prof. Massimo Zeviani

Methods of investigation in mitochondrial disorders

23 February 2015

h. 17:00-18:30, **Prof. Massimo Zeviani**

Disorders of mitochondrial DNA

h. 18:30-19:30, **Dr. Alessandro Achilli**

Dept. of Chemistry, Biology and Biotechnology, Università di Perugia

Mitochondrial DNA as a Tool to Reconstruct Population Histories

24 February 2015, h. 17:00-19:30, Prof. Massimo Zeviani

Disorders of nucleus-mitochondria cross talk

2 March 2015

h. 17:00-18:30, **Prof. Massimo Zeviani**

Nuclear-gene mutations and OXPHOS disorders

h. 18:30-19:30, **Prof. Alexandra Trifunovic**

Institute for Mitochondrial Diseases and Ageing, CECAD, University of Cologne

Mitochondrial dysfunction in ageing

3 March 2015, h. 17:00-19:30, Prof. Massimo Zeviani

Mitochondrial dysfunction in Medicine

***This is a joint initiative between the Galilean School of higher education
and PhD Courses in Biosciences and Biomedical Sciences of the University of Padova***

