



# VII Hands-on Course in Ultrafast Sample Treatment for Proteomics

15<sup>th</sup> – 17<sup>th</sup>  
June 2016

## Module I - Theory

Practical aspects of sample collection storage and preservation for the proteome analysis

Fundamentals of proteomics

Protein fractionation: 1D-GE, 2D-GE, off-gel IEF

Sample preparation: In-gel trypsin digestion

Protein identification by Mass Spectrometry

## Module II - Hand-on

Sample clean-up

Protein separation: 2D gel electrophoresis

In-gel trypsin digestion: accelerated method

MALDI-TOF/TOF-MS data acquisition

Data analysis: Protein identification

## Registration fees: 450€\*

Groups with 2-3 persons have a 10% discount <sup>ψ</sup>

Groups with 4 or more persons have a 25% discount <sup>ψ</sup>

**Location:** Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa, 2829-516 Caparica

## To register please contact:

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### Web:

<http://www.bioscopegroup.org>

<https://youtu.be/tw1ndUXNobl>

\* Registration fees include course manual, lab-coat, and coffee breaks.

<sup>ψ</sup> Coming from the same research group/ company.

Maximum 15 persons. Course registration will be done by requesting order.



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