

## II Hands-on Course in $^{18}\text{O}$ -based protein quantification for proteomics

**4th - 5th  
February 2016**

### Module I - Theory

Fundamentals of Mass Spectrometry  
Quantitative proteomics - Stable isotope labelling  
Principles of  $^{18}\text{O}$  protein quantification  
Experimental design for  $^{18}\text{O}$  quantitative proteomics

### Module II - Hand-on

Protein quantification by UV-spectroscopy  
Ultra-fast protein digestion  
Proteolytic labeling and post-digestion labeling  
MALDI-TOF-MS analysis  
Protein quantification through  $^{18}\text{O}$  isotopic labeling  
MASCOT and Decision Peptide Driven software

- ★ Registration fees include course manual, lab-coat, and coffee breaks.
- ψ Coming from the same research group/ company.

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

### Registration fees: 350€ \*

Groups with 2-3 persons have a 10% discount ψ

Groups with 4 or more persons have a 25% discount ψ

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

### To register please contact:

#### José Luis Capelo

j lcm@bioscopegroup.org  
UCIBIO-REQUIMTE, FCT-UNL

#### Web:

<http://www.bioscopegroup.org>  
<https://youtu.be/tw1ndUXNobl>

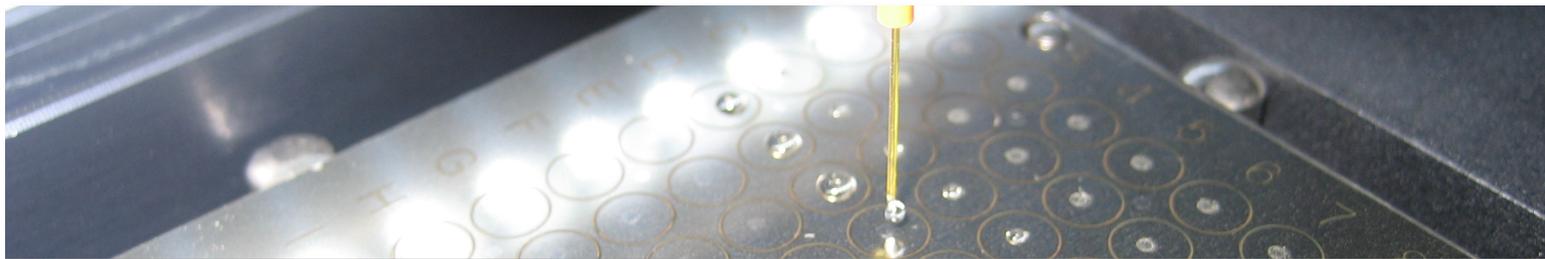


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## Profile

Title: \_\_\_\_\_ Name: \_\_\_\_\_  
Affiliation: \_\_\_\_\_  
Country: \_\_\_\_\_ E-mail address: \_\_\_\_\_

## Main Address

Street: \_\_\_\_\_  
Postal-code: \_\_\_\_\_ City: \_\_\_\_\_ Country: \_\_\_\_\_

## Number of attendees

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For more than one attendee, please provide the name, affiliation and E-mail address.

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