

## III Hands-on Course in Sample Preparation Using Nanoparticles for Proteomics

**27th - 29th  
January 2016**

### Module I - Theory

Synthesis and characterization of nanoparticles  
Nanoparticle-based sample fractionation  
Electrophoresis  
Protein identification by Mass Spectrometry  
Nano-profiling

### Module II - Hand-on

Sample clean up  
Protein quantification  
Nanoparticle synthesis characterization and applications:  
Protein fractionation using gold-nanoparticles (serum samples)  
Characterization of GNPs-protein complexes (UV-Vis, SDS-PAGE)  
In-gel and In-solution protein digestion (GNPs-protein complexes)  
Protein identification using MALDI-TOF/TOF MS  
Data analysis

### 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:

#### José Luis Capelo

jlcm@bioscopegroup.org  
UCIBIO-REQUIMTE, FCT-UNL

#### 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.

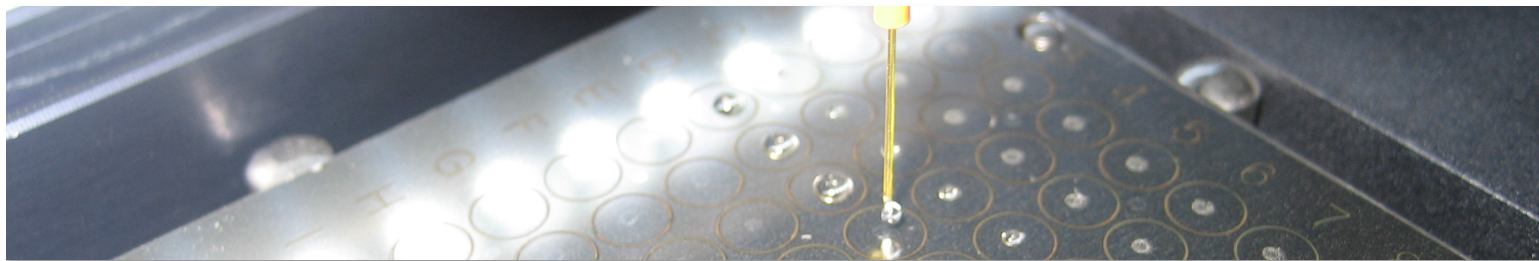


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## Profile

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

## Main Address

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

## Number of attendees

1		2		3		4		5	
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For more than one attendee, please provide the name, affiliation and E-mail address.

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

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