



VIII Hands-on Course in Sample Preparation Using Nanoparticles for Proteomics

5th – 7th
March 2018

Module I - Theory

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

Module II - Hand-on

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 and nLC-MS/MS
Data analysis

★ 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: 450€ *

Groups with 2 persons have a 10% discount ^ψ

Groups with 4 or more persons have a 20% discount ^ψ

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>



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