



I CLINICAL PROTEOMICS COURSE

23 to 27th October, 2017

Complejo Hospitalario Universitario A Coruña

A Coruña, Spain

Organizers

Dr. Francisco J. Blanco

INIBIC Scientific Director

Rheumatologist, Complejo Hospitalario Universitario A Coruña

Dr. Fernando J. Corrales

ProteoRed General Coordinator

Scientific Researcher, Centro Nacional de Biotecnología - CSIC

Dr. Cristina Ruiz-Romero

Rheumatology Resarch Group & Proteomics Unit

INIBIC - Complejo Hospitalario Universitario A Coruña

Audience: Clinical residents and students in clinical proteomics.

Course overview: This course aims to show 1) the clinical applications of proteomics technologies to residents in medicine, and 2) the analytical routines that take place in a hospital to PhD students in proteomics. The attendees will be incorporated during the morning into the daily working routines of different areas in the hospital, while the afternoons will consist in theoretical lessons on the clinical applications of proteomics technologies and the discussion of their link to what has been seen in the morning.

Maximum number of attendees: 15 (in groups of 3 per rotation area)

Hospital rotation platforms

Histomorphology: Dr. Ángel Concha

Biobank: Dr. Nieves Domenech

Clinical Analyses: Dr. Isabel García del Pino

Microbiology: Dr. German Bou

Pharmacy: Dr. Isabel Martín-Herranz

SPONSORS



Patrocinio oro



Patrocinio bronce

Programme

Monday, 23th October

- 09:30h–10:00h Welcome and introduction of the course.
Aula 2, 4^a planta Hospital Universitario A Coruña.
- 10:00h–11:00h Distribution of students into the platforms.
Complejo Hospitalario Universitario de A Coruña.
- 11:00h–15:00h Work in the platforms.
- 15:00h–16:00h *Lunch*
- 16:00h–17:00h Presentation of the course.
Introduction to proteomic technologies. Current challenges for clinical applications.
Speaker: Fernando J. Corrales. ProteoRed General Coordinator. Scientific Researcher, Centro Nacional de Biotecnología - CSIC. Spain.
Aula Profesor Novoa Santos, 4^a Planta Hospital Universitario A Coruña.
- 17:00h–18:00h Summary and discussion.

Tuesday, 24th October

- 09:00h–10:00h Distribution of students into the platforms.
Complejo Hospitalario Universitario de A Coruña.
- 10:00h–15:00h Work in the platforms.
- 15:00h–16:00h *Lunch*
- 16:00h–16:30h Proteomics in pharmacy: target and drug discovery.
Speaker: Ángel García Alonso. President of the Spanish Proteomics Society. Associate Professor of Pharmacology, University of Santiago de Compostela. Spain.
Aula Profesor Novoa Santos, 4^a Planta Hospital Universitario A Coruña.
- 16:30h–17:30h Summary and discussion.

Wednesday, 25th October

- 09:00h–10:00h Distribution of students into the platforms.
Complejo Hospitalario Universitario de A Coruña.
- 10:00h–15:00h Work in the platforms.
- 15:00h–16:00h *Lunch*

16:00h-17:00h Clinical Proteomics with a focus on cancer.
Speaker: Connie Jiménez.
Head OncoProteomics Laboratory,
VUMC-Cancer Center Amsterdam. The Netherlands.
Aula Profesor Novoa Santos, 4ª Planta Hospital Universitario A Coruña.

17:00h-18:00h Summary and discussion.

Thursday, 26th October

09:00h-10:00h Distribution of students into the platforms.
Complejo Hospitalario Universitario de A Coruña.

10:00h-15:00h Work in the platforms.

15:00h-16:00h *Lunch*

16:00h-17:00h Proteomics in microbiology and other related applications.
Speaker: Marina Oviaño García.
Microbiology Service, Complejo Hospitalario Universitario A Coruña. Spain.
Aula 1, 4ª Planta Hospital Universitario A Coruña.

17:00h-18:00h Summary and discussion.

Friday, 27th October

09:00h-10:00h Distribution of students into the platforms.
Complejo Hospitalario Universitario de A Coruña.

10:00h-15:00h Work in the platforms.

15:00h-16:00h *Lunch*

16:00h-17:00h MALDI Imaging: From Mass Spectrometry to Molecular Histology.
Speaker: Francesc Márquez.
Especialista en Biociencias - Espectrometría de Masas. Bruker, Spain.
Aula Profesor Novoa Santos, 4ª Planta Hospital Universitario A Coruña.

Proteomics and tissue application: novel imaging technologies.

Speaker: Beatriz Rocha Loureda.
Maastricht MultiModal Molecular Imaging Institute (M4I)
University of Maastrich. The Netherlands.
Aula Profesor Novoa Santos, 4ª Planta Hospital Universitario A Coruña.

17:00h-18:00h General summary and discussion. Course closure.