



II CLINICAL PROTEOMICS COURSE
9th to 13th December 2019
Complejo Hospitalario Universitario A Coruña
A Coruña, Spain

Organizers

Dr. Francisco J. Blanco

INIBIC Scientific Director

INIBIC - Complejo Hospitalario Universitario A Coruña

Dr. Fernando J. Corrales

ProteoRed General Coordinator

Centro Nacional de Biotecnología - CSIC

Dr. Cristina Ruiz-Romero

Rheumatology Research Group & Proteomics Unit

INIBIC - Complejo Hospitalario Universitario A Coruña

Intended audience: clinical residents and students in clinical proteomics.

Course overview: this course aims to show 1) the clinical applications of proteomic technologies to residents in medicine, and 2) the analytical routines that take place in a hospital to PhD students in proteomics. The participants will take part in the daily working routines of different areas in the hospital in the mornings, while the afternoons will be allocated to theoretical lessons on the clinical applications of proteomic technologies, and to discuss their links to the morning working routines.

Maximum number of participants: 15 (groups of three per rotation area)

Hospital rotation platforms

Biobank: Dr. Ángel Concha and Dr. María Escalante

Clinical Analyses: Dr. Susana García Mayo

Hematology: Dr. Fernanda Fernández-López

Histomorphology: Dr. Ángel Concha

Microbiology: Dr. Germán Bou and Dr. Marina Oviaño

Pharmacy: Dr. Isabel Martín-Herranz

Programme

Monday, 9th December

- 09:30h–10:00h Welcoming reception and introduction to the course.
- 10:00h–11:00h Distribution of the students among the platforms.
- 11:00h–15:00h Work at the platforms.
- 15:00h–16:00h *Lunch*
- 16:00h–17:00h Presentation of the course.
Current challenges in proteomics for clinical applications.
Speaker: Fernando Corrales, CNB (Madrid, Spain).
- 17:00h–18:00h Roundup discussion.

Tuesday, 10th December

- 09:00h–10:00h Distribution of the students among the platforms.
- 10:00h–15:00h Work at the platforms.
- 15:00h–16:00h *Lunch*
- 16:00h–17:00h Proteomics in microbiology and related applications.
Speaker: Concha Gil (Universidad Complutense de Madrid).
- 17:00h–18:00h Roundup discussion.

Wednesday, 11th December

- 09:00h–10:00h Distribution of the students among the platforms.
- 10:00h–15:00h Work at the platforms.
- 15:00h–16:00h *Lunch*
- 16:00h–17:00h Protein arrays: overview and applications
Speaker: Joshua Labaer (Arizona State University).
- 17:00h–18:00h Roundup discussion.

Thursday, 12th December

- 09:00h-10:00h Distribution of the students among the platforms.
- 10:00h-15:00h Work at the platforms.
- 15:00h-16:00h *Lunch*
- 16:00h-17:00h Proteomics in tissues: novel imaging technologies.
Speaker: Beatriz Rocha (INIBIC, A Coruña).
- 17:00h-18:00h Roundup discussion.

Friday, 13th December

- 09:00h-10:00h Distribution of the students among the platforms.
- 10:00h-15:00h Work at the platforms.
- 15:00h-16:00h *Lunch*
- 16:00h-17:00h Biobanks: Value of proteomics at population stage?
Speaker: Aurora Astudillo (BioBanco de Asturias, Oviedo).
- 17:00h-18:00h Roundup discussion.

Registration: coordinacion@proteored.org enclosing a brief CV

Number of participants: 20

Registration fee: 300€ (5 days course, including lunch)