



## PROGRAMME FOR THE SCIENTIFIC MEETING ABOUT CLINICAL PROTEOMICS. 2<sup>nd</sup> EDITION.

Hospital Universitario La Paz, Assembly Hall.

18<sup>th</sup> November

15:00h - 15:30h

Inauguración.

***First session. Proteomics applied to oncology.***

15:00h - 15:05h

*Introduced by Dr. Alfredo Carrato.*

Hospital Universitario Ramón y Cajal.

15:05h - 15:35h

*Advances in Proteomics.*

"Novel metalloprotease substrates, identification through SILAC and DIGE"

Dr. Joaquín Arribas, Hospital Universitario Vall d'Hebron.

15:35h - 16:05h

*Clinical session.*

*Title to be announced.*

Dr. Javier de Castro, Hospital Universitario La Paz.

16:05h - 16:20h

*Discussion.*

***Coffee Break***

***Second session. Proteomics applied to rheumatology.***

*Introduced by Dr. José Luis de Pablos.*

17:20h - 17:25h

Hospital Universitario 12 de Octubre.

Coordinator of the "Red de Investigación en Inflamación y Enfermedades Reumáticas" (RIER)

*Advances in Proteomics.*

17:55h - 18:25h

"Looking for Biomarkers to early Diagnosis of Osteoarthritis"

Dr. Francisco J. Blanco, INIBIC - Complejo Hospitalario Universitario A Coruña

*Clinical Session.*

17:25h - 17:55h

"Why do we need biomarkers to define phenotypes of poor prognosis in rheumatic disorders?"

Dr. Isidoro González, Hospital de la Princesa.

Member of the "Red de Investigación en Inflamación y Enfermedades Reumáticas" (RIER)

18:25h - 18:40h

*Discussion.*

***Round table. Clinical proteomics and bussiness opportunities.***

18:40h - 18:45h

*Introduced by Dr. Cristobal Belda Iniesta.*

Hospital Universitario La Paz.

Chair: Dr. Francisco Gea Rodríguez

Participants:

- Instituto de Salud Carlos III

18:45h - 19:45h

- Fundación de Investigación Biomédica del Hospital Universitario de la Paz (FIBHULP)

- Cross Road Biotech

- Grifols

- Proteomika

19th November

***First session. Proteomics applied to the pathology of the liver.***

10:00h - 10:05h

*Introduced by Dr. Ricardo Moreno.*

Hospital Universitario de la Princesa.

10:05h - 10:35h

*Advances in Proteomics.*

"Unraveling mechanisms mediating liver cell response to oncolytic viral therapy"

Dr. Fernando Corrales, Centro de Investigación Médica Aplicada, CIMA

10:35h - 11:05h

*Clinical session.*

"Progressive liver disease: from inflammation, angiogenesis and fibrosis to hepatocellular carcinoma"

Dr. Ricardo Moreno, Hospital Universitario La Paz.

11:05h - 11:20h

*Discussion.*

***Coffe Break***

***Second session. Proteomics applied to anatomic pathology; tissue imaging.***

11:50h - 11:55h

*Introduced by Dr. David Hardisson.*

Hospital Universitario La Paz.

11:55h - 12:25h

*Advances in Proteomics.*

"Protein imaging mass spectrometry in cancer research"

Liam A. McDonell, Leiden University Medical Center.

12:25h - 12:55h

*Clinical Session.*

"The use of immunohistochemistry for the study of therapeutic targets"

Dr. Fernando López Ríos, Hospital de Madrid.

12:55h - 13:10h

*Discussion.*

***Lunch***

***Third session. Proteomics applied to cardiovascular pathology.***

15:00h - 15:05h

*Introduced by Dr. José Luis Merino.*

Hospital Universitario La Paz.

*Advances in Proteomics.*

15:05h - 15:35h

"Proteomic analysis of human atherosclerotic arteries"

Dr. Fernando Vivanco, Fundación Jiménez Díaz.

*Clinical Session.*

15:35h - 16:05h

"Proteomics in cardiology. A challenge for translational medicine"

Dr. José Luis López Sendón, Hospital Universitario La Paz.

16:05h - 16:20h

*Discussion.*

***Fourth session. Proteomics applied to microbiology and infectious diseases.***

16:20h - 16:25h

*Introduced by Dr. Jesús Mingorance.*

Hospital Universitario La Paz.

*Advances in Proteomics.*

16:25h - 16:55h

"Candida albicans-host interaction: insights from proteomics"

Dra. Concepción Gil, Universidad Complutense de Madrid.

*Clinical Session.*

16:55h - 17:25h

"Integration and usefulness of proteomics in the Clinical Microbiology Laboratory"

Dr. Rafael Cantón, Hospital Universitario Ramón y Cajal.

17:25h - 17:40h

*Discussion.*

***Coffe Break***

***Fifth session. Proteomics applied to neurosciences.***

18:00h - 18:05h

*Introduced by Dr. Exuperio Diez Tejedor.*

Hospital Universitario La Paz.

*Advances in Proteomics.*

18:05h - 18:35h

"Identification of a biological signature for schizophrenia in blood".

Dr. Emanuel Schwarz, Universidad de Cambridge.

*Clinical Session.*

18:35h - 19:05h

"Proteomics applied to nanotechnology for neurovascular research"

Dr. José Castillo Sánchez, Hospital Universitario de Santiago.

Coordinador de la Red de Investigación Cooperativa Neurovascular (RENEVAS)

19:05h - 19:20h

*Discussion.*

***Concluding remarks.***

19:20h - 19:35h

Dr. Cristobal Belda, Dr. Francisco Blanco and Dr. Juan Pablo Albar.