

II ANNUAL MEETING CINBIO - CONFERENCE PROGRAM

DAY 1 - 25th June, 2018

9:00 - 9:30 **Registration**

9:30 - 9:45 **Opening and Welcome: Prof. África González-Fernández - CINBIO Director**

DIAGNOSIS

9:45 - 10:45 **Opening plenary session: Prof. José L. Mascareñas**
CIQUS - Universidade de Santiago de Compostela. Spain
Metal-based tools in chemical biology and biomedicine

10:45 - 11:15 **Dr. Alexandr Missiul**
Sincotrón ALBA. Barcelona, Spain
ALBA synchrotron capabilities for biomedical studies

11:15 - 11:30 **Dr. Manuel Pazos**
Instituto de Investigaciones Marinas (IIM-CSIC), Spain
Metabolomics and lipidomics to improve diagnosis and nutritional therapy in obesity-related diseases

11:30 - 12:00 **Coffee & Posters**

12:00 - 12:30 **Dr. David Gómez-Cabrero**
NavarraBiomed - Universidad Pública de Navarra. Spain
Data integration methodologies in the era of multi-omics research

12:30 - 13:00 **Dr. Francisco Corzana**
Universidad de La Rioja. Spain
The use of unnatural MUC1 antigens enable efficient detection of antibodies in patients with cancer

13:00 - 13:15 **Manuel Mendoza**
Universidade de Vigo. Spain
Hunting new potential TB-biomarkers by RNA-Seq

13:15 - 13:30 **Paula Casal-Beiroa**
Instituto de Investigación Biomédica de A Coruña (INIBIC), Spain
Optical biomarkers for the early diagnosis of osteoarthritis

13:30 - 15:00 **Lunch & Networking**

15:00 - 15:30 **Dr. Mar Rodríguez-Girondo**
Leiden University Medical Center. The Netherlands
Integration of omic datasets in biomedical prediction models: statistical challenges

15:30 - 16:00 **Dr. Alex McMillan**
University of Bristol. United Kingdom
Overcoming classical imaging limitations with quantum light

16:00 - 16:15 **Sarah De Marchi Lourenço**
Universidade de Vigo. Spain
Metal nanoparticles@MOF nanocomposites as SERS tags for biodetection

16:15 - 16:45 **Dr. Lorena Diéguez**
International Iberian Nanotechnology Laboratory. Braga, Portugal
Liquid Biopsy: what can the KETs do for Precision Medicine?

16:45 - 17:00 **Thais Pereira-Veiga**
Oncomet. IDIS, Health Research Institute of Santiago - CIBERONC. Spain
CTCs-derived xenograft development in a Triple Negative breast cancer case

17:00 - 18:30 **Coffee & Posters**

II ANNUAL MEETING CINBIO - CONFERENCE PROGRAM

DAY 2 - 26th June, 2018

THERAPY

Plenary session: Prof. Arturas Volianskis

9:30 - 10:30 Queen Mary University of London. United Kingdom

Pharmacological targeting of NMDA receptors and different forms of synaptic plasticity

Dr. Ana Isabel Fernández-Mariño

10:30 - 10:45 National Institute of Neurological Disorders and Stroke, NIH. United States

Understanding potassium channels architecture and gating

Elena Piñeiro-Yáñez

10:45 - 11:00 Spanish National Cancer Research Centre (CNIO). Madrid, Spain

PanDrugs: novel method to prioritize anticancer drug treatments according to individual genomic data

Dr. Laura Muínelo

11:00 - 11:30 Oncomet. IDIS, Health Research Institute of Santiago - CIBERONC. Spain

Application of liquid biopsy in oncology: opening new horizons to fight cancer

11:30 - 12:00

Coffee & Posters

Dr. Carlos Palo-Nieto

12:00 - 12:30 Uppsala Universitet. Sweden

Synthesis of complex carbohydrates and potential angiotensin II AT2R ligands

Rocío Castro-Viñuelas

12:30 - 12:45 Universidade da Coruña. Spain

Generation of human induced pluripotent stem cell lines from patients with hand osteoarthritis

Dr. Sergio Gómez-Graña

12:45 - 13:00 Instituto de Investigación Hospital 12 de Octubre. Madrid, Spain

Selective melanoma treatment using a targeted chemo-photo thermal therapy

Alba Vázquez-Arias

13:00 - 13:15 Universidade de Vigo. Spain

Nanolamps for light-induced modulation of cell function

13:15 - 13:45

Prizes and closing remarks



FEDER. Unha maneira de facer Europa. Centro Singular de Investigación de Galicia 2016-2019