

II ANNUAL MEETING CINBIO

Conference program

25th & 26th of June 2018



CINBIO
Centro de Investigaciones
Biomédicas

Universida_{de}Vigo

25th June. Topic: Diagnosis

26th June. Topic: Therapy

Venue:

Assembly Hall
Faculty of Biology
Campus Universitario de Vigo
Vigo, Spain

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**

Session 1 Chairs: **Prof. Ángel Rodríguez de Lera** **Dr. Ana Querejeta-Fernández**

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

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

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

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

Session 2 Chairs: **Dr. José Souto** **Dr. Loretta De Chiara**

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

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

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

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

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

Session 3 Chairs: **Dr. Sara Núñez-Sánchez** **Dr. Sonia Prado**

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

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

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

Invited speaker: Dr. Lorena Diéguez
16:15 - 16:45 International Iberian Nanotechnology Laboratory. Braga, Portugal
Liquid Biopsy: what can the KETs do for precision medicine?

Thais Pereira-Veiga
16:45 - 17:00 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**

DIAGNOSIS

II ANNUAL MEETING CINBIO - CONFERENCE PROGRAM

DAY 2 - 26th June, 2018

THE
THERAPY

Session 1 Chairs: **Dr. Diego Fernández** **Dr. Daniel Glez-Peña**

9:30 - 10:30 **Plenary session: Prof. Arturas Volianskis**
Queen Mary University of London. United Kingdom

Pharmacological targeting of NMDA receptors and different forms of synaptic plasticity

10:30 - 10:45 **Dr. Ana Isabel Fernández-Mariño**
National Institute of Neurological Disorders and Stroke, NIH. United States of America
Understanding potassium channels architecture and gating

10:45 - 11:00 **Elena Piñeiro-Yáñez**
Spanish National Cancer Research Centre (CNIO). Madrid, Spain
PanDrugs: novel method to prioritize anticancer drug treatments according to individual genomic data

11:00 - 11:30 **Invited speaker: Dr. Laura Muínelo**
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**

Session 2 Chairs: **Dr. Elina Garet** **Dr. Yolanda Diz**

12:00 - 12:30 **Invited speaker: Dr. Carlos Palo-Nieto**
Uppsala Universitet. Sweden
Synthesis of complex carbohydrates and potential angiotensin II AT2R ligands

12:30 - 12:45 **Rocío Castro-Viñuelas**
Universidade da Coruña. Spain
Generation of human induced pluripotent stem cell lines from patients with hand osteoarthritis

12:45 - 13:00 **Dr. Sergio Gómez-Graña**
Instituto de Investigación Hospital 12 de Octubre. Madrid, Spain
Selective melanoma treatment using a targeted chemo-photo thermal therapy

13:00 - 13:15 **Alba Vázquez-Arias**
Universidade de Vigo. Spain
Nanolamps for light-induced modulation of cell function

13:15 - 13:45 **Prizes and closing remarks**

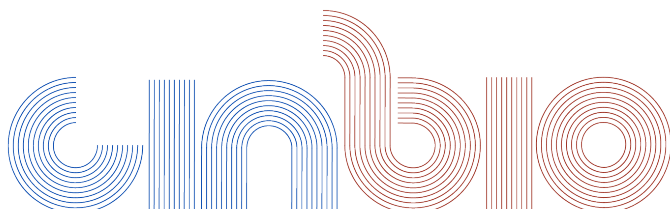
Scientific and Organizing Committee:

Dr. Gustavo Bodelón (S)
Dr. Loretta De Chiara (S) (O)
Dr. Yolanda Diz (S) (O)
José María Esteban (O)
Dr. Diego Fernández-Fernández (S) (O)
Dr. Elina Garet (S) (O)
Jorge Giráldez (S)
Dr. Daniel Glez-Peña (S)

Dr. Sara Núñez-Sánchez (S) (O)
Dr. Carmen Paula Gómez (S) (O)
Dr. Sonia Prado (S) (O)
Dr. Ana Querejeta-Fernández (S) (O)
Dr. Paula Saavedra (S)
Dr. Jose Souto (S) (O)
Dr. María Dolores Torres (S)

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