1st & 2nd of July

Faculty of Biology, Vigo, Spain

CINBIO

3 Annual Meeting

From bench to bedside: diagnosis, therapy & data analysis

Programme

Universida de Vigo

Centro de Investigacións Biomedicas

Facultade de Bioloxía

Unión Europea

XUNTA DE GALICIA

galicia

DEPUTACIÓN PONTEVEDRA

celta INGENIEROS

fisher scientific part of Thermo Fisher Scientific

Portomédica APARATOS Y MATERIAL MÉDICO HOSPITALARIO

PQN PROQUINORTE

3rd Annual Meeting CINBIO
From bench to bedside: Diagnosis, Therapy & Data Analysis

Conference Programme. DAY 1 - 1st July, 2019

FROM BENCH TO BEDSIDE

9:00 - 9:30	**Registration**
9:30 - 10:00	**Opening and Welcome**
Session 1	**Chairs: Dr. Hugo López-Fernández Dr. Carmen P. Gómez**
10:00 - 10:45	**KS1 - Fátima Al-Shahrour.** Spanish National Cancer Research Center (CNIO), Madrid. ***Identifying druggable genetic dependencies for personalized cancer therapy***
10:45 - 11:15	**IS1 - Erwann P. Loret.** CNRS, University of Aix-Marseillè, Marseillè. ***From the discovery of an active principle to phase I and II clinical trial***
11:15 - 11:30	**ST1 - Alba Nogueira-Rodríguez.** SING Group, Universidade de Vigo. ***Real time Computer-Aided Diagnosis in colorectal cancer using Deep Learning techniques***
11:30 - 12:15	**Coffee & Posters**
Session 2	**Chairs: Dr. Loretta De Chiara Dr. Rosana Simón-Vázquez**
12:15- 12:45	**IS2 - Angel Díaz-Lagares.** IDIS, CIBERONC, Oncomet, Santiago de Compostela. ***Epigenetic biomarkers in cancer: moving towards liquid biopsy***
12:45 - 13:15	**IS3 - Carmen Álvarez-Lorenzo.** IDIS, Pharmacy, USC, Santiago de Compostela. ***Medical devices as drug delivery platforms***
13:15 - 13:30	**ST2 - Olivia Estévez Martínez.** CINBIO-Universidade de Vigo. ***Differential gene expression analysis for the identification of different TB infection profiles***
13:30 - 13:45	**ST3 - Saida Ortolano.** IIS-Galicia Sur- H. Álvaro Cunqueiro, Vigo. ***Functional evaluation of an AAV9 vector expressing alpha-Galactosidase A for potential gene therapy of Fabry disease***
13:45 - 15:30	**Lunch & Networking**
Session 3	**Chairs: Dr. Sergio Gómez-Graña Dr. Ana Sousa-Castillo**
15:30 - 16:00	**IS4 - Alejandro Baeza García.** ETSI Aeronautics and Space, UPM, Madrid. ***Targeting 2.0. Towards a rational design to selective nanocarriers in oncology***
16:00 - 16:15	**ST4 - Marcelina Abal Sanisidro.** Instituto de Investigación Sanitaria, IDIS, Santiago de Compostela. ***Development and evaluation of nanosystems for Photodynamic Therapy triggered by bioluminescence***
16:15 - 16:30	**ST5 - Juan L. Paris.** International Iberian Nanotechnology Laboratory, INL, Braga. ***Fluorescence Cross-Correlation Spectroscopy as a tool to guide the formulation of liposome-coated polycation-DNA complexes (lipopolyplexes) for gene therapy***
16:30 - 17:00	**Coffee & Posters**
Session 4	**Chairs: Dr. Marta Cousido-Rocha Dr. Lorena Vázquez-Iglesias**
17:00 - 17:30	**IS5 - María Xosé Rodríguez-Álvarez.** Basque Center for Applied Mathematics (BCAM), Bilbao. ***On the statistical evaluation of diagnostic and prognostic tests: When patient information beyond test's result can make a difference***
17:30-17:45	**ST6 - Marcos Loureiro-Ga.** Instituto de Investigación Sanitaria Galicia Sur, Vigo. ***Optimizing device selection using numerical simulation in Transcathter Aortic Vlave Implantation***
17:45-18:00	**ST7 - Carla Moreira.** CMAT- School Of Sciences - University of Minho, Braga. ***Dealing with measured confounders in observational studies: The impact of type of birth in childhood obesity***

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Conference Programme. DAY 2 - 2nd July, 2019

FROM BENCH TO BEDSIDE

Session 1	**Chairs: Dr. Sergio Gómez-Graña Dr. José A. Souto**
9:30 - 10:15	**KS2 - Jesús M. de la Fuente.** ICMA, Zaragoza. ***Studying the heat effect of nanoparticles***
10:15 - 10:45	**IS6 - Nuria Martínez Sáez.** Utrecht University, Utrecht. ***Carbohydrate-based vaccine development***
10:45 - 11:00	**ST8 - Alexandra Teixeira.** International Iberian Nanotechnology Laboratory (INL), Braga. ***Development of an ultrasensitive and low cost paper-based SERS sensor for cell differentiation***
11:00 - 11:15	**ST9 - Andrea Mariño López.** Universidade de Vigo. ***Keeping an eye on the eye through plasmonics: Contact lenses with Au/SiO2 m-capsules***
11:15 - 11:30	**ST10 - Paula Rivas Ramirez.** CNRS - Sorbonne Université, Paris. ***Role of TRPC and GLUD channels in mGLU1/5-gated current in dopamine neurons***
11:30 - 12:00	**Coffee & Posters**
Session 2	**Chairs: Dr. Sonia Prado Dr. Miguel Arenas**
12:00 - 12:30	**IS7 - Roberto Piñeiro Cid.** Roche-CHUS Joint Unit, Santiago de Compostela. ***Study of the contribution of clusters of CTCs to the metastasis of breast cancer***
12:30-12:45	**ST11 - Inês Mesquita.** Life and Health Sciences Research Institute, ICVS, School of Medicine, Braga. ***HIF-1a deficiency dysregulates lipid metabolism and increases susceptibility to Leishmania donovani infection***
12:45-13:00	**ST12 - Rocío Castro Viñuelas.** INIBIC-Complejo Hospitalario Universitario A Coruña (CHUAC). ***Human induced pluripotent STEM cell-lines (iPSc) generation as an in vitro model of hand ostheoarthritis***
13:00 - 13:30	**IS8 - Carla Oliveira.** I3S, University of Porto, Porto. ***Molecular determinants of gastric cancer: predisposing factors and intra-tumoral heterogeneity***
13:30-14:00	**Prizes and closing remarks**

Scientific and Organizing Committee

Dr. Miguel Arenas (S) (O)
Dr. Marta Cousido-Rocha (S) (O)
Dr. Loretta De Chiara (S) (O)
José María Esteban (O)
Jorge Giráldez (O)
Dr. Carmen P. Gómez (S) (O)
Dr. Sergio Gómez-Graña (S) (O)
María Jesús Longa (O)
Dr. Hugo López-Fernández (S) (O)
Dr. Sonia Prado (S) (O)
Dr. Rosana Simón-Vázquez (S) (O)
Dr. Ana Sousa-Castillo (S) (O)
Dr. Jose A. Souto (S) (O)
Dr. Maria Dolores Torres (S) (O)
Dr. Lorena Vázquez-Iglesias (S) (O)

(**KS**) Keynote Speaker (**IS**) Invited Speaker (**ST**) Short Talk
(**S**) Scientific Committee (**O**) Organizing Committee

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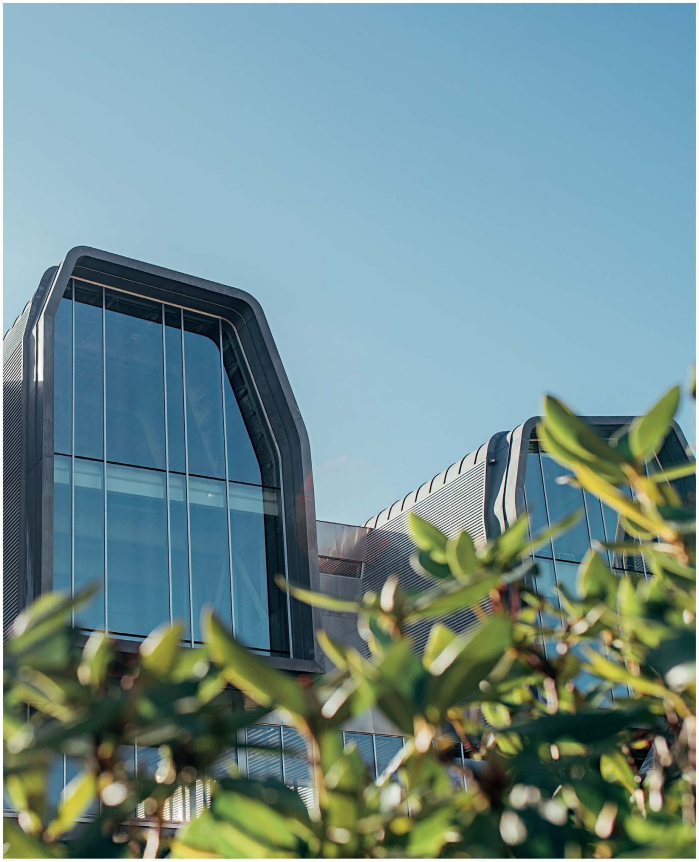

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