



2017 March, Thursday 23rd

Organized by:

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IKERBASQUE Professor
CIC bioGUNE, CIBERehd
Derio, Bizkaia, SPAIN



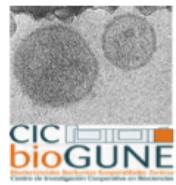
Venue:

CIC bioGUNE
ATRIO Edificio 800
Parque Técnologico de Bizkaia
Derio, 48160, Bizkaia

A networking event to disseminate knowledge and promote local interactions in the field of extracellular vesicles

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1st Euskadi Workshop on

EXOSOMES

CIC bioGUNE, Derio, Bizkaia, SPAIN

2017 March 23rd

09:30 Welcome & 3 min-group presentations

10:30 Overview of Extracellular Vesicles

JuanMa Falcón-Pérez. Exosomes Lab. & Metabolomics Platform. CIC bioGUNE

10:50-11:30 COFFEE-BREAK

11:30-13:00 SESSION: EXTRACELLULAR VESICLES IN HEALTH AND DISEASE

11:30 Implication of EVs in multiple sclerosis disease and human aging.

Ainhoa Alberro. Multiple Sclerosis Group. BioDonostia

11:45 Dissection of vesiculogenesis in *Mycobacterium tuberculosis*

Rafael Prados. Proteomics Unit. CIC bioGUNE

12:00 Exosomes in prostate cancer biology: Bystanders and mediators.

Verónica Torrano. Proteomics Unit. CIC bioGUNE

12:15 Understanding the role of Extracellular Vesicles in the transfer of Multidrug Resistant traits.

Diana Sousa. I3S-IPATIMUP, Oporto.

12:30 Serum extracellular vesicles contain protein biomarkers for primary sclerosing cholangitis and cholangiocarcinoma.

Ander Arbelaitz. Liver Diseases group. BioDonostia

12:45 Extracellular vesicles isolation methods in urine; different traps catch different beasts.

Félix Royo. Exosomes Lab. CIC bioGUNE.

13:00-14:15 LUNCH

14:15 Basque Biobank a tool for the prevention, diagnosis and discovery of therapeutic targets.

Roberto Bilbao. Scientific director of Biobanco Vasco.

14:30-15:30 SESSION: HIGH-CONTENT & STRUCTURAL ANALYSIS OF EXTRACELLULAR VESICLES

14:30 Technical tips for Exosomes transcriptomic profiling.

Ana M^g Aransay. Genome Analysis Platform. CIC bioGUNE.

14:45 Examples of Proteomic Analyses of Extracellular vesicles.

Félix Elortza. Proteomics Platform. CIC bioGUNE

15:00 Application of Metabolomics to the molecular and functional analysis of Extracellular vesicles.

Sebastiaan van Liempd. Metabolomics Platform. CIC bioGUNE.

15:15 Management of omics data for discovery of predictive biomarkers

Marc Clos. Exosomes Lab & Metabolomics Platf. CIC bioGUNE

15:30-15:45 BREAK

15:45 Structural characterization of exosomes by Electron Microscopy.

David Gil. Electron Microscopy Platform. CIC bioGUNE

16:00-16:30 SESSION: COMMERCIAL SOLUTIONS TO CHARACTERIZE EXTRACELLULAR VESICLES

Dynabeads and Attune NxT. Complete workflow for the Exosomes analysis and applications

Juanma Cárdenas, PhD. Technical Specialist Cytometry and Imaging. ThermoFisher Scientific.

Cytoflex, the new flow cytometers generation.

José Antonio Delgado, MS, PhD. Flow Cytometry Applications Specialist. Beckman Coulter

16:30 GENERAL DISCUSSION & CLOSURE