"Hands-on exploring methodologies for EV translational research and biomarker detection"

25th October

8:30-9:00h Registration

- ✓ **9:00-9:30 TIPS &TRICKS OF EV ISOLATION AND HANDLING**
  Marcella Franquesa, REMAR Group, Institut Germans Trias i Pujol (Campus Can Ruti), Badalona (Barcelona)
- ✓ **9:30-10:00 TECHNICAL ASPECTS OF SORTING OF EVS BY FLOW CYTOMETRY**
  Oscar Fornas Carreño, UPF-CRG Flow Cytometry Unit, Barcelona
- ✓ **10:00-10:30 EXTRACELLULAR VESICLES IN THE CLINICS. TOWARDS EV-NO-INVASIVE TESTING**
  Atocha Romero, Hospital Universitario Puerta Hierro Majadahonda
- ✓ **10:30-11:00 NEW APPROACHES FOR THE USE OF EVs IN LIQUID BIOPSY**
  Hector Peinado, CNIO, Madrid
- ✓ **11:00-11:30 COMBINING DIVERSE METHODOLOGIES USING EVs AS TROJAN HORSES FOR CANCER THERAPY AND DIAGNOSIS AND COVID-19**
  Pilar Martín-Duque, Universidad de Zaragoza

11:30-12:00 Coffee break

SPONSORS TALKS 15 min +5 min questions

- ✓ **12:00-12:15 Nasas Biotech**: Lorena Alonso Alconada
  ExoGAG: A NEW TECHNOLOGY FOR EXTRACELLULAR VESICLES ISOLATION COMPATIBLE WITH MULTIPLE OMICS

- ✓ **12:20-12:35 NanoFCM**: Rob Tempest
  THE NANOANALYZER: COMBINING FLOW CYTOMETRY & PARTICLE ANALYSIS TO MEET THE CHALLENGES OF THE NANO-SCALE

- ✓ **12:40-12:55 Iesmat**: Francisco López/Sergio Ganarul
  NANOPARTICLE TRACKING ANALYSIS (NTA) - MEASUREMENT OF MICROVESICLE SIZE AND CONCENTRATION

- ✓ **13:00-13:15 Izasa**: Aitor Gonzalez Granja
  INNOVATIVE SOLUTIONS ON THE DIRECT CHARACTERIZATION OF EXTRACELLULAR VESICLES

13:15-15:00 Lunch

Practical sessions: 15:00-18:30

EXOGAG: A NEW TECHNOLOGY FOR EXTRACELLULAR VESICLES ISOLATION COMPATIBLE WITH MULTIPLE OMICS (Nasasbiotech)

15:00. Group 1
15:30. Group 5
16:00. Group 2
16:30. Group 4.
17:00. Group 3
17:30. Group 7
18:00. Group 6

NANOPARTICLE TRACKING ANALYSIS (NTA) - MEASUREMENT OF MICROVESICLE SIZE AND CONCENTRATION. (Iesmat)

15:00. Group 2
15:30. Group 6
16:00. Group 1
16:30. Group 5
17:00. Group 4
17:30. Group 3
18:00. Group 7

THE NANOANALYZER: COMBINING FLOW CYTOMETRY & PARTICLE ANALYSIS TO MEET THE CHALLENGES OF THE NANO-SCALE (NanoFCM)

15:00. Group 3
15:30. Group 7
16:00. Group 4.
16:30 Group 6
17:00. Group 1
17:30. Group 5
18:00. Group 2

INNOVATIVE SOLUTIONS ON THE DIRECT CHARACTERIZATION OF EXTRACELLULAR VESICLES (Izasa)

15:00. Group.4
15:30. Group 1
16:00. Group 3
16:30. Group 7
17:00. Group 2
17:30. Group 6
18:00. Group 5