

Wednesday 20 March

15:00-16:00

Workshop Registration

16:00-16:45

Session 1: Basics

16:00 **María Yáñez**, *Centro de Biología Molecular Severo Ochoa.*

INV01 Basic concepts of the biology and biogenesis of the extracellular vesicles.

16:45 **María del Mar Vales Gómez**, *Centro Nacional de Biotecnología.*

INV02 Methodologies for the characterization of EVs and their applications to the clinic.

17:30 **Francesc E. Borràs**, *Germans Trias i Pujol Research Institute (IGTP).*

INV03 Isolation techniques of EVs.

18:30

End of the day

Thursday 21 March

09:00-11:15

Session 2: Applications

09:00 **Karim Benabdellah**, *GENyO/ Universidad de Granada/Junta de Andalucía*

INV04 Use of exosomes for cancer gene therapy.

09:30 **Lydia Alvarez-Erviti**, *Centro de Investigación Biomédica de La Rioja (CIBIR).*

INV05 Targeted extracellular vesicle gene therapy for neurodegenerative diseases.

10:00-10:45

Coffee Break

10:45-12:15

Session 3: Applications

10:45 **Pilar Martín-Duque**, *ISCIII., IIS-Aragón*

INV06 Use of EVs for regenerative medicine and cancer theragnostics.

11:15 **Marcella Franquesa**, *Germans Trias i Pujol Research Institute (IGTP)*.

INV07 MSC-EV therapy as an alternative to current cell therapy.

11:45 **Hector Peinado**, *CNIO*

INV08 EV- inspired therapies to reactivate antitumor cell responses.

12:14-14:00

Lunch

14:00-16:30

Session 4: Translationality

14:00 **Damian García del Olmo**, *Fundación Jiménez Díaz*.

INV09 From MSCs to their secretome.

14:30 **Pedro Lapuente**, *Peaches Biotech*.

INV10 EVs as advanced therapies: Industry and academy walking together.

15:00 **Pablo de Felipe**, *AEMPS*

INV11 Regulatory requirements to take the secretome to the clinical practice.

15:30 **Antonio Marcilla**, *Univ Valencia* y **Ander Izeta**, *Biodonostia*

INV12 Round table and farewell.