

Agenda

2nd World Congress

TARGETING **E**XTRACELLULAR **V**ESICLES

Microbiota & Mitochondria : Key Targets

October 15-16, 2025 - Valencia, Spain

Conference Agenda

Day 1 - October 15 - 2025

8h00 **Materials Distribution & Welcome Coffee**

8h50 **Welcome Note of Targeting Extracellular vesicles 2025**



9h00 **Keynote Speech: Extracellular Vesicles in 2025: Shaping the Medicine of Tomorrow**
Consuelo Borrás, *University of Valencia, Spain*

Session 1: Mitochondria & Extracellular Vesicles: A Cross-Talk in Health & Disease



9h30 – **Extracellular Vesicles and Mitochondrial Dynamics: Implications in Aging and Pathology**
Maria Cavinato, *University of Innsbruck, Austria*



10h00 – **Extracellular Vesicles and Mitochondrial Transfer: A Novel Approach for Treating Parkinson's Disease**
Amalia Dolga, *University of Groningen, The Netherlands*

10h30 – 11h15 *Coffee Break, Networking, & Poster Session*



11h15 – **Mitochondrial Stress Drives Nucleophagy and the Release of Extracellular Vesicles Carrying DAMPs**
Carla Lopes, *University of Coimbra, Portugal*



11h45 – **Extracellular Vesicles, Oxidative Stress and Mitochondria: Impact on Retinal Diseases**
Francisco J. Romero, *Hospital General de Requena, Spain*

12h15 - **Short Oral Presentations: 10 Minutes-Pitch: Dedicated to Start-ups, Academics, Industries & Investors (2 slots)**

12h35 – 14h00 *Lunch Break, Networking, & Poster Session*



14h00 – **Redox Modulation in Aging Mediated by Stem Cell-derived Extracellular Vesicles**

Cristina Mas-Bargues, University of Valencia, Spain



14h30 – **Extracellular Vesicles in Cardio-Metabolic Therapy: Targeting Hypothalamic NLRP3 to Prevent Obesity-Linked Arrhythmias**

Ramarosan Andriantsitohaina, University of Montpellier, France



15h00 – **Exosomal Membrane Histones: Their Role and Regulation Under Stress Conditions**

Jonathan Gilthorpe, Umeå University, Sweden

15h30 – 16h15 Coffee Break, Networking, & Poster Session

16h15 - **Short Oral Presentations: 10 Minutes-Pitch: Dedicated to Start-ups, Academics, Industries & Investors (4 slots)**

RNA and DNA-Based Bacterial Extracellular Vesicle Source Identification

Jenni Turunen, University of Oulu, Finland

Astrocyte-Derived Extracellular Vesicles in Central and Intestinal Inflammation: a Possible Brain-to-Gut Signaling Pathway

Úrsula Wyneken Hempel, Universidad de los Andes, Chile

Microbiota Derived Evs

Paula Izquierdo-Altarejos, INCLIVA Health Research Institute, Spain

18h30 End of Congress Day 1

20h00 Meet the Speakers Dinner (*Reserved for ticket holders only*)



Day 2 – October 16, 2025

8h50 Opening of Day 2

Session 2: Microbiota & Extracellular Vesicles: Implications for Human Health



9h00 – **Microbiota Extracellular Vesicles as a Postbiotic Strategy: Recent Findings and Perspectives**
Laura Baldomà, *Universitat de Barcelona, Spain*



9h30 – **Bacterial Vesicles from the Gut May Cause Liver Damage in Bowel Diseases**
Claudia Günther, *Universitätsklinikum Erlangen, Germany*



10h00 – **Dietary-Derived Exosome-like Nanoparticles: Advances and Perspectives**
Carla Soler, *University of Valencia, Spain*

10h30 – 11h15 Coffee Break, Networking, & Poster Session



11h15 – **Commensal gut bacteria-derived microvesicles: Mediators of microbe-host crosstalk and vehicles for mucosal drug delivery**
Simon Carding, *Quadram Institute Bioscience, United Kingdom*



11h45 – **Bacterial Extracellular Vesicles Halt the Progression of Parkinson's Disease in the Gut**
Sandra Morais Cardoso, *University of Coimbra, Portugal*

12h15 - **Short Oral Presentations: 10 Minutes-Pitch: Dedicated to Start-ups, Academics, Industries & Investors (3 slots)**

12h45 – 14h15 Lunch Break, Networking, & Poster Session



14h15 – **Microbiota-Derived OMVs: A Novel Mechanism in Brain Function and Alzheimer's Disease**
Roosmarijn E Vandenbroucke, Ghent University, Belgium

Session 3: Clinical Applications of EVs: Challenges and Perspectives



14h45 – **Impact of Maternal Extracellular on Embryo Metabolism: Recent Advances and Perspectives**
Felipe Vilella, INCLIVA Health Research Institute, Spain



15h15 – **Inverse Association Between Parkinson's Disease and Cancer: Could Exosomes Be the Missing Link?**
Magdalena Gorska-Ponikowska, Medical University of Gdańsk, Poland



15h45 – **Engineered Extracellular Vesicles for Regeneration and Rejuvenation: Advances and Perspectives**
Lino Ferreira, University of Coimbra, Portugal

16h15 – 17h00 Coffee Break, Networking, & Poster Session



17h00 – **Extracellular Vesicles for Treating Lysosomal Storage Disorders**
Ibane Abasolo, Instituto de Química Avanzada de Cataluña – CSIC, Spain

17h30 Short Oral Presentations : 10 Minutes-Pitch: Dedicated to Start-ups, Academics, Industries & Investors (6 slots)

18h30 Targeting EVs 2025 Concluding Remarks & Awards

19h00 End of Targeting EVs 2025

For more information, please visit: <https://targeting-exosomes.com/>

