



# Program BESEV 2024

## 12<sup>th</sup> of September

Annual meeting of the Belgian Society of Extracellular vesicles

8:30 Registration desk open

9:00 Official welcome

### Session 1

Chair Pascale Zimmermann

#### Keynote speaker

9:15 **Romarc Lacroix**  
*C2VN, Marseille, France*

**A coagulolytic balance of extracellular vesicles: interest for infectious coagulopathies.**

10:00 **Inge Mertens**  
*VITO, UAntwerpen*

**Molecular characterization of EV-derived biomarkers in neurodegenerative conditions**

10:30 **Coffee break**

Chair Stephanie Herkenne

11:00 **Maureen Cambier**  
*ULiege*  
**Abstract pitch**

Unraveling the significance of exosomal immune checkpoint protein PVR/CD155 in Lung Carcinoma progression

11:05 **Annelore Haems**  
*VIB, Ugent*  
**Abstract pitch**

The role of exosomes in TNF-driven inflammation

11:10 **Lukas HYKA**  
*KU Leuven*  
**Abstract pitch**

A split Nano-Luciferase approach for measuring extracellular vesicle content delivery.

11:15 **Martina Pannetta**  
*University of Salerno, I*  
**Abstract pitch**

Characterization and functional analysis of extracellular vesicles from *Lactobacillus rhamnosus* GG

11:20 **Chenggong Tu**  
*KU Leuven*  
**Abstract pitch**

Targeting pro-tumoral stromal exosomes by disrupting the syntenin-CD138/syndecan pathway as a novel therapy in Multiple Myeloma

11:25 **David Van Morckhoven**  
*ULB*  
**Abstract pitch**

microRNA-203a is enriched in stromal-cell derived extracellular vesicles of chronic lymphocytic leukemia patients and associated with tumor burden

|       |   |   |
|-------|---|---|
| 11:30 | <b>Sysmex</b><br><i>Sponsor talk</i>                          | <b>Dive into the possibilities of the new NanoSight Pro</b>   |
| 11:40 | <b>Analisis</b><br><i>Sponsor talk</i>                        | <b>ELEVATE your Research</b>  |
| 11:50 | <b>Unchained Labs</b><br><i>Sponsor talk</i>                  | <b>Meet Leprechaun – the sEV specific analytical tool</b>   |
| 12:00 | <b>Particle Metrix</b><br><i>Sponsor talk</i>                 | <b>Importance of Combining Scatter Based and Fluorescence Based Nanoparticle Tracking Analysis for EVs Characterization</b> |
| 12:10 | <b>Lunch : “Sur le pouce” organized by Héliport Brasserie</b> |   |

## Session 2

*Chair Basile Stamatopoulos*

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|-------|--|--|
|       | <b>Keynote speaker</b>   |  |
| 13:30 | <b>Jérôme Paggetti</b><br><i>Department of Cancer Research,<br/>Luxembourg Institute of Health.<br/>Luxembourg</i> | <b>Extracellular vesicles promote an immunosuppressive and tumor-supportive microenvironment in chronic lymphocytic leukemia.</b>      |
| 14:15 | <b>Stephanie Herkenne</b><br><i>ULiege</i><br><b>Short Talk</b>  | Mitochondria: the new regulator of Extracellular vesicle biogenesis  |
| 14:30 | <b>Kyra Defourny</b><br><i>Utrecht University, NL</i><br><b>Short Talk</b>   | A comparison of the release and spread of infectious extracellular vesicles during picornavirus infection across different cell models |
| 14:45 | <b>Zhe Liu</b><br><i>KU Leuven</i><br><b>Short Talk</b>  | FO-SPR biosensor enables specific and sensitive detection of extracellular vesicles  |
| 15:00 | <b>Coffee break</b>  |  |
| 15:30 | <b>Pascale Zimmermann</b><br><i>KU Leuven - CRCM</i>   | <b>PDZ proteins in the biology of extracellular vesicles</b>   |
| 16:00 | <b>Closing remarks and awards</b>  |  |
| 16:30 | <b>Reception</b>   |  |

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