

# ANNUAL NOR-EV MEETING

Thursday, June 6<sup>th</sup> 2024, 9:15 am – 15:30 pm

Institute for Cancer Research (K building), Auditorium  
Oslo University Hospital, The Norwegian Radium Hospital, Ullernchaussees 70, 0379 Oslo

Organized by the Norwegian Society for Extracellular Vesicles, NOR-EV,  
in collaboration with CanCell - Centre for Cancer Cell Reprogramming.



9:15-9:30 // Coffee and registration

9:30-9:40 // Welcome by the NOR-EV board

9:40-10:20 // Extracellular vesicles: heterogeneity, MISEV guidelines, actions of the International society for EVs.  
*Clotilde Théry, PhD, INSERM director of research*  
Institute Curie, France

10:20-10:40 // miR-146a-5p increases melanoma brain metastasis development by elevating Notch signaling.  
*Frits Thorsen, Professor*  
University of Bergen

10:40-11:00 // EVs as Vaccines for One Health.  
*Hanne C Winther Larsen, Professor*  
University of Oslo

11:00-11:20 // Coffee break

11:20-11:40 // EV proteomics in rheumatoid arthritis.  
*Benedicte Lie, Professor*  
Oslo University Hospital and University of Oslo

11:40-12:20 // Abstract presentations (10 min with questions included)

- Optimization of separation methodologies for obtaining high yield-high purity urinary EVs.  
*Beatriz Martín-Gracia, Oslo University Hospital*
- Brain-derived blood extracellular vesicles as potential biomarkers in multiple sclerosis (MS): Pilot results from relapsing MS patients receiving anti-CD20 therapy.  
*Shamundeeswari Anandan, University of Bergen and Haukeland University Hospital*
- Exosomal γRNA levels during maturation of human brain organoids.  
*Ingrid Lovise Augestad, Oslo University Hospital*
- NANOSPACER: Nanofluidic sizing of extracellular vesicles and biomacromolecules in solution.  
*Oliver Vanderpoorten, Arctic University of Norway*

12:20-12:30 // Poster flash talks

- Integrated sizing and detection of extracellular vesicles after X-ray treatment of T98G cancer cells in nanofluidic cell cultures with the NANOSPACER.  
*Laia Hernández-Marco, University of Oslo and Arctic University of Norway*
- Autophagy beyond degradation: explore the outside to understand the inside.  
*Giada Cerrotti, University of Perugia, Italy*

12:30-13:15 // Lunch

13:15-13:45 // **NOR-EV General assembly**

NOR-EV board: Alicia Llorente, Kari Bente F. Haug, Reidun Øvstebø,  
Marit Inngjerdingen, Beate Vestad, Taral Lunavat

14:00-15:00 // **CanCell seminar**

14:00-14:05 Welcome

14:05-14:20 **Exercise-induced extracellular vesicles in breast cancer**

**Krizia Sagini, PhD, CanCell young shot scientist**

Oslo University Hospital

14:20-15:00 **Extracellular vesicle subtypes, non vesicular extracellular particles,  
and cancer- immune system crosstalk.**

**Clotilde Théry, PhD, INSERM Director of research**

Institute Curie, Paris, France

15:00 –15:30 // Networking with refreshments

## International guest speaker

### Clotilde Théry, PhD, INSERM director of research, Institut Curie, France

Dr. Clotilde Théry is an INSERM director of research (DR1) working at Institut Curie, where she heads the team "Extracellular Vesicles, Immune responses and Cancer".

<https://institut-curie.org/team/they>

Since 1998, her scientific interests have focused on the study of exosomes (and more recently extracellular vesicles in general), secreted by immune and tumor cells, and their roles in communications between tumors and the immune system. Her goals are to understand the physiological functions of EV secretion during an in vivo immune response and during tumor growth, and her approach is to continuously go from basic cell biology questions on their modes of formation to application of this knowledge to in vivo situations.



C. Théry is regularly invited to write reviews on the subject of exosomes, EVs, their immune functions and their biogenesis. She has organized several symposia and sessions dedicated to exosomes in international meetings, and in particular a first "International Workshop on Exosomes" in Institut Curie, in Paris, in 2011, which led to the creation of the International Society for Extracellular Vesicles (ISEV), for which she served as Secretary General from 2012 to 2016, and more recently President (2020-2022). She has been Editor in Chief of the journal of the Society, J Extracell Vesicles, from its creation in 2012 until 2019. In addition to publishing numerous original articles and reviews on this topic, she has led the community-based efforts to standardization and reproducibility of EV research, which resulted in the MISEV2018 and more recently MISEV2023 guideline articles.

The event is supported by UiO:Life Science



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