

Workshop program METVES II

November 24, VSL, Delft



Standardization of extracellular vesicle concentration measurements: from single to multicenter studies

Together with metrology an infrastructure has been developed in METVES and METVES II to calibrate flow cytometers for detection of extracellular vesicles (www.metves.eu). This infrastructure is now tested in a worldwide interlaboratory comparison study on standardization of extracellular vesicle (EV) concentration measurements. The first results from this study will be presented.

Program

- 10.30 Welcome and introduction to VSL and metrology (Fabienne van Booma - VSL)
- 10.45 From single to multicenter studies on extracellular vesicles (Rienk Nieuwland - AUMC, VSL)
- 11.10 Hollow organosilica beads and liposomes as synthetic reference materials for optical detection of extracellular vesicles (Zoltan Varga - TTK, Hungary)
- 11.40 Traceable size and concentration determination of synthetic reference particles (Robin Schürmann - PTB, Germany)*
- 12.00 Realizing the diagnostic potential of extracellular vesicles - key (remaining) challenges (Metka Lenassi - University of Ljubljana, Slovenia; Executive Chair of Science and Meetings of International society of Extracellular vesicles)
- 12.30 Lunch
- 13.30 Development of goniometer and metrological flow cytometer (Richard Koops - VSL)
- 13.50 Lab tour showing goniometer and metrological flow cytometer (Richard Koops - VSL)
- 14.30 Coffee and tea break
- 15.00 Preliminary results from the METVES II interlaboratory comparison study (Britta Bettin & Edwin van der Pol - AUMC)
- 15.45 Extracellular vesicle analytics 2022: status, needs, and prospects (John Nolan - Scintillon Institute, San Diego, California)*
- 16.15 Plenary discussion
- 16.30 Drinks

*Online presentations

Venue

The meeting will be organized at VSL, Thijsseweg 11, Delft, The Netherlands. Directions: www.vsl.nl/en/route-description. More information on the city of Delft at www.delft.com. For online participation, [click here to join the meeting](#).

For further questions, please contact

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Organizing committee

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