

Statement of the German Society for Extracellular Vesicles on the International Society for Extracellular Vesicles' Position Paper "Minimal Information for Studies of Extracellular Vesicles 2023 (MISEV2023): From Basic to Advanced Approaches"

The German Society for Extracellular Vesicles (GSEV) acknowledges the very recent publication of the MISEV2023 guidelines in the Journal of Extracellular Vesicles (JEV), marking an important advance towards standardization within the extracellular vesicle (EV) research field¹. This effort, led and organized by Joshua Welsh, Deborah Goberdhan, Lorraine O'Driscoll, Clotilde Théry, and Kenneth Witwer, reflects the collective insights of over 1,000 contributors from the EV community worldwide. GSEV fully supports these guidelines, encouraging all members to engage with, disseminate, endorse, and implement these standards to enhance uniformity, reporting quality, and awareness in EV research.

With their complex mechanisms of conveying multifaceted information through nanoscale packages, EVs continue to captivate us. Studying extracellular vesicles is complicated by their small size and considerable heterogeneity, requiring accurate reporting, methodological clarity, and adequate quality controls. Rigorous standardization can unlock the full potential of EV research, facilitating reproducibility, study comparability, and fostering trust across disciplines. This, in turn, promises to advance both our fundamental understanding and clinical applications of EVs.



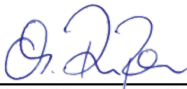



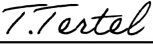

However, we caution against a rigid enforcement of MISEV2023 that could stifle innovation. These guidelines should not stop creative alternative approaches in the study of EVs but provide an orientation for researchers experienced or new to the field, raise awareness of typical pitfalls, and provide a common base. By inspiring the adoption of necessary controls and thorough reporting, MISEV2023 has the potential to drive innovation within our field.

We encourage all GSEV members, including reviewers, authors, presenters, scientists, students, and industry partners, to leverage the collective wisdom of the MISEV consortium. By embracing the MISEV2023 framework, we can address existing uncertainties and drive improvements throughout the EV landscape. GSEV is committed to endorsing and contributing to the beneficial impact of MISEV2023, promoting standardization, and raising awareness within the EV community.

In conclusion, GSEV supports the MISEV2023 guidelines and anticipates a positive impact on the field of EV research.

Sincerely,

The GSEV Executive Board:

 Kerstin Menck	 Janis Müller	 Christian Preußner	 Michael Pfaffl
 Julia Groß	 Kendra Maass	 Tobias Tertel	 Daniel Bachurski

¹ Welsh JA, Goberdhan DCI, O'Driscoll L, et al. Minimal information for studies of extracellular vesicles (MISEV2023): From basic to advanced approaches. *J Extracell Vesicles*. 2024;13(2):e12404. doi:10.1002/jev2.12404