Uniklinikum Erlangen

GSEV German Society for Extracellular Vesicles

ASEV Austrian Society for Extracellular Vesicles

SwissEV

D-A-CH EV Meeting 2026

Programme

28. – 30.09.2026

Uniklinikum Erlangen
Hörsäle Medizin
Ulmenweg 18
91054 Erlangen, Germany

FAU
Friedrich-Alexander-Universität
Faculty of Medicine

Dear colleagues, dear friends,

welcome to the D-A-CH EV Meeting 2026 in Erlangen (28.-30.09.2026). Extracellular vesicles transport molecular information with remarkable precision across tissues and organs, yet key questions on barrier crossing, cargo sorting, and therapeutic translation remain open.

This meeting marks a milestone: for the first time, GSEV, ASEV, and the newly founded SwissEV convene jointly, a new chapter for the German-speaking EV community.

The programme spans fundamental EV biology, methodological advances, microbial vesicles, and clinical translation, featuring outstanding keynotes, workshops, and poster sessions, with special focus on early-career researchers.

Just as EVs connect cells across boundaries, may this meeting connect disciplines, institutions, and countries.

We thank all speakers, participants, sponsors, and organisers, and look forward to three inspiring days in Erlangen.

Warm regards,

GSEV, ASEV, SwissEV

GSEV
GERMAN SOCIETY FOR EXTRACELLULAR VESICLES

ASEV
AUSTRIAN SOCIETY FOR EXTRACELLULAR VESICLES

SwissEV

Day 1: 28.09.2026

Workshop Day (Students only)

8.00	**Registration** (Hörsäle Medizin, Ulmenweg 18, 91054 Erlangen)
9.00	**Welcome Workshops by Philipp Arnold**
9.15	**Session 1: Lectures** Chair (GSEV): Fanni Boros, Philipp Arnold
9.15	**Lecture 1 – Sources of EVs** Cristina Zivko (SwissEV)
9.45	**Lecture 2 – Purification of EVs** Jan van Deun (GSEV)
10.15	**Lecture 3 – Characterization of EVs** Christian Preußer (GSEV)
10.45	**Coffee break with Q&A session**
11.15	**Session 2: Workshop Partner** Chair (GSEV): Christian Preußer, Claudia Günther
11.15	**Particle Metrix**
11.30	**NanoFCM**
11.45	**Everest Biolabs**
12.00	**Secretech**
12.15	**Beckman Coulter**
12.30	**Lunch with Q&A session**
13.30	**Hands-on**
17.30	**End of Workshop Day**
18.00	**SNEV Warm-up Party**
19.30	**Welcome Party at the Institute of Anatomy, Krankenhausstraße 9, Erlangen**

Day 2: 29.09.2026

8.00 **Registration** (7.00 open for Industry)

9.00 **Welcome by GSEV, ASEV, SwissEV**

9.15 **Session 1: Fundamental Principles of EV Biology**
Chair: Fanni Boros (GSEV), Martin Wolf (ASEV)

9.15 **Stress-induced switch in EV biogenesis**
Edit Buzás (Keynote)

9.45 **Two Selected Abstracts**

"Inside-Out"or How to Move to a Cellular Perspective when Studying Adipocyte-Derived Extracellular Vesicles
María Gómez-Serrano (GSEV)

Kinesins and their interaction partners define and control ectosome cargo loading
Allegra Angenendt (GSEV)

10.15 **Industry talk**
BioCat

10.25 **Flash talks**

Proteomic Profiling Reveals Cilia-Dependent Modulation of Extracellular Vesicle Cargo in Human RPE Cells
Lotta Elisabeth Wagner (GSEV)

Differential EV Binding by the Phosphatidylserine Receptors TIM-1 and AXL influences Zika Virus Infection and Inhibition
Sebastian Höck (GSEV)

Galecin-3 in the Biogenesis and Composition of Extracellular Vesicles
Julia Pali (GSEV)

10.45 **Coffee break**

11.15 **Session 2:**
EV Technologies and Methodological Advances
Chair: Cristina Zivko (SwissEV), Antri Stefani (ASEV)

11.15 **Quantitative Optical Characterization of Bioparticles**
Vahid Sandoghdar (Keynote)

11.45 **Two Selected Abstracts**

EV-Zone: AI-Powered Open Tool for EV-Checklist Transparent Reporting and Literature Mining in Extracellular Vesicle Research
Rodolphe Poupardin (ASEV)

Day 2: 29.09.2026

Automated Label-Free Isolation and Analysis of Blood Extracellular Vesicles Using the VDisk Platform for Liquid Biopsy Applications
Ehsan Mahmodi Arjmand

12.15 **Industry talk**
Beckman Coulter Life Sciences Monitoring EV production (yield and quality) with the CytoFLEX nano
Martin Wolf (ASEV)

12.25 **Flash talks**

Metabolic Engineering For Versatile Surface Functionalization of Extracellular Vesicles
Lara Biezunski (ASEV)

CellExoCorR: An R-Based Framework for Paired Correlation Analysis of Cellular and Exosomal Proteomes
Ali Hashemi Gheinani (SwissEV)

MiTEC: An Integrated Framework for Transparent Experimental Design, Quality Control, and Reporting in Extracellular Vesicle Research
Pouriya Sharbatian Semnani (GSEV)

12.45 **Lunch with Posters I**

14.30 **Session 3: EVs in Health and Disease**
Chair: Bernd Giebel (GSEV), Giorgia Magnarini (ASEV)

14.30 **From Signals to Solutions: Extracellular Vesicles in Perinatal Brain Injury**
Andreina Schoeberlein (Keynote)

15.00 **Two Selected Abstracts**

Neuroblastoma-Derived EVs Modulate the Integrity of Tight Junctions in CNS Barriers
Tal Manko

Glomerular Endothelial Cell-Derived Extracellular Vesicles Cross the Basement Membrane and Reach Podocytes
Janina Müller Deile (GSEV)

15.30 **Industry talk**
Everest Biolabs/Vesiculab

15.40 **Flash talks**

Extracellular Vesicles from Obesity-Stressed Fibroblasts Differentially Impact Cellular Function in the Adipose Tissue Niche
Julian Krause (ASEV)

Day 2: 29.09.2026

Inhibition of Fatty Acid Desaturation Induces Extracellular Vesicle Hypersecretion and Sphingolipid Remodeling in Three-Dimensional Bladder Cancer Spheroids
Yasamin Vahabi Haghighi (GSEV)

Extracellular vesicles as mediators of Alzheimer's disease Pathophysiology: from molecular mechanisms to multi-omics and functional validation
Mohsin Shafiq (GSEV)

16.00 **Coffee break**

16.30 **Session 4: Clinical Applications and Translation**
Chair: Wolf Holnthoner (ASEV), Friederike Zunke (GSEV)

16.30 **Resolving critical barriers towards clinical translation of milk EV therapeutics: a reality check**
Nicole Meisner-Kober (Keynote)

17.00 **Two Selected Abstracts**

Extracellular Vesicle–Associated Cathepsin G Identifies High-Risk Pancreatic Ductal Adenocarcinoma and Reflects Immune–Metastatic Remodeling
Paul David (GSEV)

From physicochemical characterization to biological activity: evaluating GMP-compliant UC-MSC secretome fractions
Nefertiti Chaves Solano (ASEV)

17.30 **Industry talk**
IZON

17.40 **Flash talks**

Delivery of Antibacterial Myxobacterial OMVs using ADAGEL Hydrogels
Ilaria Bettin (GSEV)

Affinity-Based Isolation Workflow of Extracellular Vesicles from Biofluids Using Phase Separated Zwitterionic Coacervates
Roberto Frigerio (SwissEV)

Modulating early stage nerve repair response in Schwann cells with MSC-derived extracellular vesicles
Maximilian Härtinger (ASEV)

18.00 **Drinks with Posters II**

19.30 **Social Event at the Redoutensaal, Theaterplatz 1, 91054 Erlangen**

Day 3: 30.09.2026

8.00 **Registration** (7.00 open for Industry)

9.00 **Session 5: Microbial EVs**
Chair: Claudia Günther (GSEV), Janis Müller (GSEV)

9.00 **Hidden Players with Big Impact: The Multifunctional Roles of EVs in Gram-Positive Bacteria**
Monika Ehling-Schulz (Keynote)

9.30 **Two Selected Abstracts**

Microbial Extracellular Vesicles Mediate Gut-Brain Communication and Promote Neuroinflammation
Emely Neumaier (GSEV)

Pathogen Cell Wall Degrading Enzymes facilitate Extracellular Vesicles to deliver RNA into Plants
Lorenz Oberkofler

10.00 **Industry talk**
NanoFCM

10.10 **Flash talks**

Viral Glycoproteins are Differentially Incorporated into Extracellular Vesicles and Modulate Vesicle Release
Elena Hagelauer (GSEV)

Deciphering the Pathogenic Role of Bacillus cereus Extracellular Vesicles in Systemic Infections
Astrid Laimer-Digruber (ASEV)

Bacterial Extracellular Vesicles: Transfer Shuttles of Genotoxic Colibactin in Colorectal Cancer
Johannes Schloderer (GSEV)

10.30 **Coffee break**

11.00 **Session 6: Reproducibility, Pitfalls, and Open Questions in EV Research**
Chair: Jan Van Deun (GSEV), Maximilian Härtinger (ASEV)

11.00 **Unlocking the biomedical potential of extracellular vesicles through advanced separation and characterization**
An Hendrix (Keynote)

11.30 **Roundtable discussion**
Chair: Michael Pfaffl (GSEV), An Hendrix, André Görgens (GSEV), Eva-Maria Krämer-Albers (GSEV), Mario Gimona (ASEV)

Day 3: 30.09.2026

12.30 **Industry talk**
Particle Metrix

12.40 **Lunch with Posters III**

14.30 **Session 7: Novel Sources and Emerging Concepts of EVs**
Chair: Beate Rinner (ASEV), Tobias Tertel (GSEV)

14.30 **Development of EV-based Therapeutic and Analytical Platforms**
André Görgens (GSEV; Keynote)

15.00 **Two Selected Abstracts**

More than a GutFeeling: a RAG-based AI Tool for Microbiota Research as a Blueprint for Knowledge Gap Mapping in the Extracellular Vesicle Field
Alberto Sánchez-Pascuala (GSEV)

Human Breast Milk prevents Acid-induced Cell Death of HTLV-1-infected Cells, enhances Release of Infectious Virus and Modulates the Viral Biofilm
Stefanie Heym (GSEV)

15.30 **Industry talk**
Secretech

15.40 **Closing Ceremony and prizes**
Chair: Janis Müller (GSEV), Wolf Holnthoner (ASEV), Andreina Schoeberlein (SwissEV)

16.00 **End**

Keynote Speakers

Edit Buzás
Budapest, Hungary

Monika Ehling-Schulz
Vienna, Austria

André Görgens
Stockholm, Sweden

An Hendrix
Ghent, Belgium

Nicole Meisner-Kober
Salzburg, Austria

Vahid Sandoghdar
Erlangen, Germany

Andreina Schoeberlein
Bern, Switzerland

Information

Organised by

GSEV – German Society for Extracellular Vesicles

ASEV – Austrian Society for Extracellular Vesicles

SwissEV – Swiss Society for Extracellular Vesicles

Conference President

Prof. Dr. Claudia Günther
Uniklinikum Erlangen,
Friedrich-Alexander-Universität Erlangen-Nürnberg,
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Organising Committee

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University of Münster, Germany

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Ludwig Boltzmann Institute, Austria

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Pre-registration is required!

- Online registration:
  https://gsev.org/d-a-ch-ev-meeting-2026/registration/
- Further information:
  https://gsev.org/d-a-ch-ev-meeting-2026/

Extracellular Vesicles: Communication Across Barriers

Special Issue – Manuscript Submission Opportunity

We are pleased to announce a dedicated Special Issue in Extracellular Vesicles and Circulating Nucleic Acids (EVCNA): „Extracellular Vesicles: Communication across Barriers“

Participants of the D-A-CH EV Meeting 2026 are warmly invited to submit their work to this Special Issue, which aims to highlight recent advances in extracellular vesicle research, including methodological innovations, biological insights, and clinical applications.

Scope includes:

- Fundamental and translational EV biology
- Technological and analytical advances
- EVs in health and disease
- Microbial EVs and host interactions
- Clinical and diagnostic applications

Submission details:

- Open for original research and review articles
- Peer-reviewed, open-access format

Submission portal:
www.oaepublish.com/specials/evcna.10306

We strongly encourage presenters and participants to contribute and showcase their work within this focused collection.

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trillium extracellular vesicles

How to find us

CityLinie

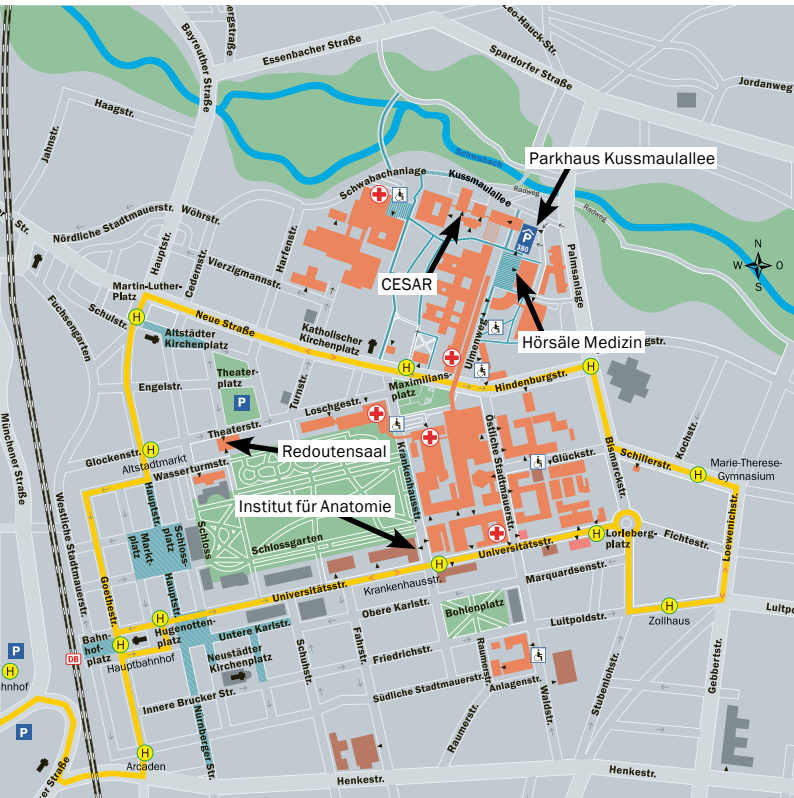
The bus line “CityLinie” (yellow) is free of charge and brings you to Uniklinikum Erlangen every 15 minutes: from the central bus station e. g. via the stops “Unikliniken/Maximiliansplatz” and ”Krankenhausstraße”.

By train

Hauptbahnhof Erlangen (reachable by ICE train) is located approximately 1.300 metres from the CESAR.

By car

From the A 73 exit ‚Erlangen-Nord‘, follow the signs saying ‚Parkhaus Uni-Kliniken‘. There is a limited number of short-term and single-day parking spaces near the clinics. Please use the multi-storey car park ‚Parkhaus Uni-Kliniken‘ at Kussmaulallee 14 (access via Palmsanlage). Long-term parking spaces can be found at the large car park west of the railway station.



Research Group: Gastrointestinal Pathophysiology
Head of the Group: Prof. Dr. rer. nat. Claudia Günther

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