Preliminary Agenda Joint GSEV & ASEV Meeting in Freising 28th – 30th Nov 2019

6 EV Talk Sessions and 1 Poster Session (Thu & Fri) and 2 EV hands-on workshops (Sat) Sessions will be opened and moderated by an invited International Keynote Speaker (each 30 min) followed by 4 to 8 Young Scientist Talks from Germany, Austria, or international (each 15 min).

Company research talks are 15 min and held by Lead or Gold Sponsors.


**Wednesday Evening 27. Nov 2019 -- Welcome Dinner @ Bräustüberl Weihenstephan**

At 7 pm invitation for invited international keynote speakers, ASEV & GSEV steering committees, and the workshop organizer to Bräustüberl Weihenstephan (ca. 20 persons) https://www.braeustueberl-weihenstephan.de/

**Thursday 28. Nov 2019 -- Session 1-3 @ Lecture Hall 16 (HS 16)**

10:00-10:30  Welcome by Michael Pfaffl & ASEV & GSEV steering committees

10:30-12:30  Session 1) MISEV Guidelines & Characterization of Extracellular Vesicles
              Edit Buzás: Extracellular vesicles and the secretome (ASEV)
              6 Young Scientist Talks (to be announced)

12:30-13:30  Lunch & Drinks in Mensa

13:30-15:00  Session 2) EV Methods (methodological improvements, how to isolate pure EVs)
              Alain Brisson: EVs, Exosomes: lessons from 10 years cryo-EM studies (ASEV)
              4 Young Scientist Talks (to be announced)

15:00-15:30  2x Lead or Gold Sponsor Talks – moderation by GSEV steering committee
             (to be announced)

15:30-16:00  Coffee break in Foyer

16:00-18:00  Session 3) Diagnostic EVs (new and early EV biomarkers)
              Jens Simonsen: The use of liposomes in EV-based research (GSEV)
              6 Young Scientist Talks (to be announced)

**Thursday Evening -- Poster Session & Bavarian Evening @ Foyer and UG**

18:00-22:00  Session 4) Poster Session – moderation by Michael Pfaffl & GSEV & ASEV steering committees
              Each author is presenting the poster, and GSEV & ASEV steering committee suggests three possible candidates for the „Best Poster Prize”

18:00-22:00  Bavarian Evening directly around the posters with finger-food, brezels, vegetarian- and vegan-food, different Bavarian beer from Weihenstephaner Brewery, red and white wine, soft drinks, etc.
Friday  29. Nov 2019 -- Session 5-7 @ Lecture Hall 16 (HS 16)

09:00-11:30  Session 5)  Therapeutic EVs (the new potentials of EVs),
Mario Gimona:  Manufacturing of MSC-derived therapeutic vesicular secretome fractions: from preclinical research to first-in-human application (ASEV)
8 Young Scientist Talks (to be announced)

11:30-12:00  2x Lead or Gold Sponsor Talks – moderation by GSEV steering committee
(to be announced)

12:00-13:00  Lunch & Drinks in Mensa

13:00-14:30  Session 6)  EVs in Physiology (biology, release, uptake, and effects of EVs)
Dirk Michiel Pegtel:  Biology and clinical applications of exosomes in cancer (GSEV)
4 Young Scientist Talks (to be announced)

14:30-15:00  Coffee break in Foyer

15:00-16:30  Session 7)  EVs in Physiology (biology, release, uptake, and effects of EVs)
Maria Yanez-Mo:  Tetraspanins and EVs, biogenesis and biotechnological potential (GSEV)
4 Young Scientist Talks (to be announced)

16:30-17:00  Farewell by Michael Pfaffl & ASEV & GSEV steering committees and „Best Poster Prize“

Saturday 30. Nov 2019 -- 2 parallel EV hands-on workshops @ Seminar Rooms S1 & S2

Both workshops are intended for beginners and intermediate EV scientists who are willing to improve their skills in EV research.

(WS 1)  EV isolation from biofluids, with focus on plasma samples and cell culture supernatant;
(WS 2)  EV RNA analysis, including the basics of working with RNA, RNA isolation techniques from EVs, and quality control of RNA;

09:00-17:00  Workshop No. 1 -- EV isolation from Biofluids @ Seminar room S1

Kick-off speaker Jens Simonsen:  Methodological challenges related to EV research (GSEV)
Moderation:  Irina Nazarenko and Fabia Fricke

In this workshop, you will ...
• Learn about strategies to overcome challenges in vesicle purification
• Sensitize your awareness of potential contaminants that might influence your preparation
• Be taught good practices for isolating and analyzing EVs isolated from biofluids
• Discover different techniques for characterization of EV preparations: NTA, ELISA, protein and lipid content
• Work with fluorescently labeled spike-in controls
• Obtain the chance to discuss your questions and concerns about EV isolation and characterization with experienced EV scientists and industry partners in a relaxed atmosphere

09:00-17:00  Workshop No. 2 -- EV RNA analysis @ Seminar room S2

Kick-off speaker Christian Preußer:  RNA in EVs - quirks, and pitfalls (GSEV)
Moderation:  Dominik Buschmann and Christian Preußer

In this workshop, you will ...
• Be taught good practices for working with RNA
• Discover different analytical techniques for (mi)RNAs
• Extract, quantify and characterize RNA from EV samples
• Analyze the expression of specific miRNAs in your RNA samples by real-time PCR
• Calculate differences in miRNA expression between different samples
• Substantiate circular RNAs in your EV RNA
• Get the chance to chat with experienced EV RNA researchers to discuss your problems and toss around ideas

12:00-13:00  Lunch & Drinks