

Dear FSEVers,



Our society has a new logo! Thank you for your votes for the two proposed versions of the new logo! The winning logo is:

The good news is also that we are giving the final touch to the **new FSEV web site**. Thanks to the fantastic job of Julie Constanzo, Mehdi Kabani and Vincent Hyenne, the new web site will go live pretty soon. We will send a blast e-mail when it is up and running!

Do not miss the opportunity to attend the **INSERM-FSEV international joint meeting EV2025** in June, Paris! Registration is free, but space is limited and the conference is filling up fast. Do not wait to register and to submit your abstract for a poster, or for a short talk!

FSEV will be represented at ISEV2025. Several FSEV board members will be there to show an updated poster and they will participate to the **Global EV Network Satellite Event** to discuss how to set national Young Networks, which FSEV has pioneered in Europe with our young researchers, and to plan for the content of the GEVN database, in view of possibly setting a forum or match-making platform, which FSEV has proposed as a tool needed by the community to facilitate national and international research.

We look forward to connecting with you at these upcoming events!

News

FSEV web site: we are working on a new FSEV web site that will be filled with new info and features. If you wish to contact FSEV, please send an email to: contact@fsev.eu

FSEV Working Groups : Following a proposal during the last FSEV General Assembly to create thematic working groups (WG), we call to consider, as a first step, the development of a **WG on bacterial extracellular vesicles (BEVs)**. To this end, we would like to identify the members of the French community working on this topic in order to discuss the need to create such a group. If this sounds like you, **please email Éric Guédon (eric.guedon@inrae.fr)**. Please also help us to circulate our request to any colleagues who might be potentially interested.

EVENTS

ISEV

ISEV2025 Annual Meeting: Save the date! **23-27/04/25, Vienna, Austria** (Education day: 23/04/25 and Annual meeting: 24-27/04/25). Visit the ISEV2025 website for updates <https://isev2025.eventscribe.net/>

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EVENTS

ISEV

Interested in EVs in the brain and CNS? do not miss the satellite event and social organized by the **Special Interest Group EVINS (FSEV members: C Neri, J Saint-Pol)** on Friday 25 April from 5.45pm and on. More info -> [here](#)

OTHERS

Virtual events, Conferences and Courses

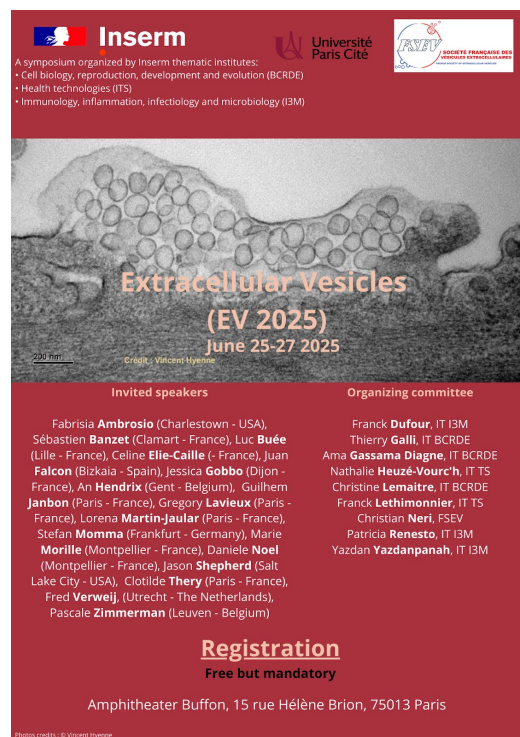
EV2025, an international conference organized by **three INSERM's Thematic Institutes** and by **FSEV, Paris, June 25-27**. Short talks will be selected: register and submit your abstract at: <https://itbcde.inserm.fr/index.php?pagendx=736>

Accelerating the translation of fundamental discoveries into novel biomarkers and therapeutic strategies requires high-precision tools specifically designed for EV research. Additionally, deeper mechanistic insights into EV biology are essential to ensure robust and meaningful clinical applications.

At the initiative of FSEV, and together with Inserm's Thematic Institutes (ITs), the EV2025 meeting will focus on:

1. Recent advances in understanding the biology and function of EVs.
2. Cutting-edge developments in the detection, isolation, and characterization of EVs for disease research, including their engineering and therapeutic applications.

EV2025 will provide an opportunity to present the state-of-the-art and to assess the community's readiness to tackle specific public-health challenges through EV research and innovation.



Inserm Université Paris Cité **FSEV** SOCIÉTÉ FRANÇAISE DES RECHERCHES EXTRACELLULAIRES

A symposium organized by Inserm thematic institutes:
• Cell biology, reproduction, development and evolution (BCRDE)
• Health technologies (ITS)
• Immunology, inflammation, infectiology and microbiology (IBM)

Extracellular Vesicles (EV 2025)
June 25-27 2025

Invited speakers

Fabrizia **Ambrosio** (Charlestown - USA),
Sébastien **Banzet** (Clamart - France), Luc **Buée** (Lille - France), Céline **Elie-Caille** (- France), Juan **Falcon** (Bizkaia - Spain), Jessica **Gobbo** (Dijon - France), An **Hendrix** (Gent - Belgium), Guilhem **Janbon** (Paris - France), Gregory **Lavieux** (Paris - France), Lorena **Martin-Jaular** (Paris - France), Stefan **Momms** (Frankfurt - Germany), Marie **Morille** (Montpellier - France), Daniele **Noel** (Montpellier - France), Jason **Shepherd** (Salt Lake City - USA), Clotilde **Théry** (Paris - France), Fred **Verweij** (Utrecht - The Netherlands), Pascale **Zimmerman** (Leuven - Belgium)

Organizing committee

Franck **Dufour**, IT IBM
Thierry **Galli**, IT BCRDE
Ama **Gassama Diagne**, IT BCRDE
Nathalie **Heuzé-Vourc'h**, IT TS
Christine **Lemaitre**, IT BCRDE
Franck **Lethimonnier**, IT TS
Christian **Neri**, FSEV
Patricia **Renesto**, IT IBM
Yazdan **Yazdanpanah**, IT IBM

Registration
Free but mandatory

Amphitheater Buffon, 15 rue Hélène Brion, 75013 Paris

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11th European Conference on Tetraspanins, 17-19/09/2025, Montpellier. The conference will cover various aspects of tetraspanin biology, including extracellular vesicles. More info -> [here](#).

2nd World Congress Targeting Extracellular Vesicles, "Mitochondria and Microbiota: Crucial Impact", October 15-16, 2025, Valencia, Spain. More info: <https://targeting-exosomes.com/>

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Job opportunities

Discover our brand new **Job Offers** section on the FSEV website, where employers can directly post their open positions and job seekers can browse the latest opportunities in the field. Job listings will no longer appear in our next newsletters but will be exclusively available on our website, ensuring you always have access to the most current opportunities.

Here you can publish job offers free of charge. FSEV will exclude unrelated offers.

Simply fill in the form below and include:

- Your company/laboratory logo
- A detailed description of the job offer



Organization/Laboratory/Company's Name *

Contact email *

Who to contact *

First Name with 1st letter capitalised LAST NAME in capitals

Job Title *

A detailed offer: *

Type of contract *

☐ Part-time position
 ☐ Full-time position

Type of contract *

☐ Fixed-term contract
 ☐ Permanent contract

Position available from *

A 1-year (renewable) study engineer position (IE CDD) is available in the lab of Christian Neri (IBPS, Paris) to study the role and biomarker potential of extracellular vesicles secreted by human Huntington's disease neurons in collaboration with the lab of Clotilde Thery (Institut Curie, Paris). Starting date is June 1st, 2025. Candidates should hold a M2 in cell biology, or a related field, obtained no more than 3 years ago. At least a 1-year post-master research experience in cell biology is mandatory. Hands-on experience in studying EVs will be a major plus. Interested candidates should apply immediately. Please send a letter of motivation, a full CV, and the names and emails of two references to Christian.neri@inserm.fr.
<https://www.ibps.sorbonne-universite.fr/en/research/neuroscience/brain-c>

Research scientific permanent position will very likely be open for competition in 2025 in the field of bacterial extracellular vesicle and interaction with intercellular interactions (bacteria-bacteria and bacteria-eukaryotic cells). Follow this link to be notified as soon as the position is confirmed: <https://jobs.inrae.fr/en>
 In the meantime, feel free to contact Eric Guédon (eric.guedon@inrae.fr) for more information.



Recent publications from FSEV community

Commentary

- Cordelier P. Unveiling the nexus: Oncolytic viruses, extracellular vesicles, and immune modulation. *Mol Ther Oncol*. 2025 Feb 5;33(1):200940. doi: 10.1016/j.omton.2025.200940. PMID: 39995980.
- Saint-Pol J, Fenart L. CD63, a new therapeutical candidate for cholesterol homeostasis regulation through extracellular vesicles? *Extracell Vesicles Circ Nucleic Acids*. 2025;6:166-70. doi: 10.20517/evcna.2024.92.

Review

- Beretta GL, Cassinelli G, Rossi G, Azzariti A, Corbeau I, Tosi D, Perego P. Novel insights into taxane pharmacology: An update on drug resistance mechanisms, immunomodulation and drug delivery strategies. *Drug Resist Updat*. 2025 Mar 8;81:101223. doi: 10.1016/j.drup.2025.101223. Epub ahead of print. PMID: 40086175.
- Rodrigues ML, Janbon G, O'Connell RJ, Chu TT, May RC, Jin H, Reis FCG, Alves LR, Puccia R, Fill TP, Rizzo J, Zamith-Miranda D, Miranda K, Gonçalves T, Ene IV, Kabani M, Anderson M, Gow NAR, Andes DR, Casadevall A, Nosanchuk JD, Nimrichter L. Characterizing extracellular vesicles of human fungal pathogens. *Nat Microbiol*. 2025 Mar 27. doi: 10.1038/s41564-025-01962-4. Epub ahead of print. PMID: 40148564.

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Recent publications from FSEV community

Review

- Saint-Pol J, Culot M. Minimum information for studies of extracellular vesicles (MISEV) as toolbox for rigorous, reproducible and homogeneous studies on extracellular vesicles. *Toxicol In Vitro*. 2025 Mar 10;106:106049. doi: 10.1016/j.tiv.2025.106049. Epub ahead of print. PMID: 40074066.
- Schock Vaiani J, Broekgaarden M, Coll JL, Sancey L, Busser B. In vivo vectorization and delivery systems for gene therapies and RNA-based therapeutics in oncology. *Nanoscale*. 2025 Mar 7;17(10):5501-5525. doi: 10.1039/d4nr05371k. PMID: 39927415.
- Rubinstein E, Théry C, Zimmermann P. Tetraspanins affect membrane structures and the trafficking of molecular partners: what impact on extracellular vesicles? *Biochem Soc Trans*. 2025 Mar 26;0(0):BST20240523. doi: 10.1042/BST20240523. PMID: 40135387.
- Zununi Vahed S, Hejazian SM, Bakari WN, Landon R, Gueguen V, Meddahi-Pellé A, Anagnostou F, Barzegari A, Pavon-Djavid G. Milking mesenchymal stem cells: Updated protocols for cell lysate, secretome, and exosome extraction, and comparative analysis of their therapeutic potential. *Methods*. 2025 Mar 7;238:40-60. doi: 10.1016/j.ymeth.2025.03.004. Epub ahead of print. PMID: 40058715.

Cancer

- Cortés-Hernández LE, Eslami-S Z, Attina A, Batista S, Cayrefourcq L, Vialeret J, Di Vizio D, Hirtz C, Costa-Silva B, Alix-Panabières C. Proteomic profiling and functional analysis of extracellular vesicles from metastasis-competent circulating tumor cells in colon cancer. *J Exp Clin Cancer Res*. 2025 Mar 22;44(1):102. doi: 10.1186/s13046-025-03360-4. PMID: 40119417.
- Pantazi L, Untereiner V, Rosales P, Rivet R, Audonnet S, Proult I, Ramont L, Sockalingum GD, Brézillon S. Extracellular vesicles derived from ovarian cancer cell lines discriminated by biochemical and Fourier transform infrared spectroscopy approaches. *Analyst*. 2025 Mar 24;150(7):1280-1292. doi: 10.1039/d5an00024f. PMID: 40019024.

Inflammation

- Akhbari P, Perez-Hernandez J, Russell MA, Dhayal S, Leslie KA, Hunter SL, Murrall K, Carré A, Morgan NG, Mallone R, Richardson SJ. Soluble HLA class I is released from human β -cells following exposure to interferons. *Diabetes*. 2025 Mar 10;db240827. doi: 10.2337/db24-0827. Epub ahead of print. PMID: 40063529.

Milk

- Ávila G, Bonnet M, Viala D, Dejean S, Agazzi A, Lecchi C, Ceciliani F. Porcine milk small extracellular vesicles modulate peripheral blood mononuclear cell proteome in vitro. *Sci Rep*. 2025 Mar 8;15(1):8069. doi: 10.1038/s41598-025-92550-3. PMID: 40055486.
- Benedetto A, Giaccio N, Arigoni M, Calogero RA, Regal P, Lamas A, Martucci F, Audino V, Dervilly G, Pezzolato M, Bozzetta E. miRNome Characterization of Milk-Derived Extracellular Vesicles in Recombinant Somatotropin-Treated Dairy Cows. *Int J Mol Sci*. 2025 Mar 8;26(6):2437. doi: 10.3390/ijms26062437. PMID: 40141081.
- Wen Y, Shi R, Cheng Y, Zhang Y, Zhao L, Xia X, Meng X, Chen Z. Iron-Cobalt Alloy@Graphene-Engineered Milk Extracellular Vesicles for Gastric Retentive Drug Delivery. *Chembiochem*. 2025 Mar 11:e202401048. doi: 10.1002/cbic.202401048. Epub ahead of print. PMID: 40066858

Regenerative medicine

- Wan J, Kim SB, Cartier H, Garson S, Frank K, Haykal D, Yi KH. A Prospective Study of Exosome Therapy for Androgenetic Alopecia. *Aesthetic Plast Surg*. 2025 Mar 27. doi: 10.1007/s00266-025-04817-9. Epub ahead of print. PMID: 40146273.

Reproduction

- Ducarre S, Chiechio RM, Moulin G, Butera E, Dupont A, Penno C, El Amrani A, Heichette C, Even-Hernandez P, Marchi V, Ravel C. Extracellular Vesicles From Follicular Fluid in Infertile Women: Size, Morphology and miRNA Content Analysis. *J Extracell Biol*. 2025 Mar 5;4(3):e70041. doi: 10.1002/jex2.70041. PMID: 40052100.

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