

Dear FSEVers,

As shown by recent initiatives, FSEV is proactively developing collaborations with key academic stakeholders in France and abroad in order to promote the impact of French EV research across multiple fields of biology, medicine, and engineering, not to mention societal impact.

A summary of these initiatives and projects will be shared during our General Assembly during the FSEV 2025 online meeting in November.

It is **very important** that FSEV has up-to-date data on the landscape of EV research in France: Whether you are directly or indirectly involved in EV research, whether you are a young researcher or more advanced in your career, **don't forget to register or renew your membership** on the FSEV website to:

- * Receive the monthly newsletter
- * Access job offers
- * Stay informed about the latest news in the field in France and abroad ☑ Discuss the societal impact of your EV research or field of EV research

The FSEV board.



News

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.

PhD defense : **Mireia GOMEZ- 19th September @ 3:00 PM**, Amphi Curie, 11 rue Pierre et Marie Curie
"Unravelling the role of Extracellular Vesicles carrying CD133 in breast cancer invasion and metastasis", under the supervision of Gisela D'ANGELO



MEMBERSHIP

Please **renew/update your membership** as soon as possible via the new FSEV website (<https://fsev.eu/membership/>). This will only take a few min and membership is still free.

Tips for the registration process:

- Whenever possible, use your institutional email address
- Accept cookies before filling the form
- Affiliation: use comas to separate the different items (e.g. Laboratory X, Institution Y, University Z)
- Any issues? please let us know at contact@fsev.eu

Also, starting from September 2025, only members who renewed their membership will be eligible for travel awards, PhD thesis awards, etc.

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EVENTS

FSEV annual meeting

We are pleased to announce that the next **FSEV 2025 meeting** organized by the **YN-FSEV** will take place on **November 12th**! This is an online-only meeting with short talks selected from abstracts. A good opportunity for young EV researchers to present their work, so please submit your abstracts!! We will also have the pleasure to welcome 2 keynote speakers: **Dr Mathilde Mosser** (Nantes, FR) and **Dr James Edgar** (Cambridge, UK). During this meeting, we will also have our **annual FSEV general assembly** and we will announce the **2025 FSEV PhD award** (call for applications open) ! Stay tuned for the full program!

Registration (free but mandatory) and abstract submission => [here](#)



Virtual events, Conferences and Courses

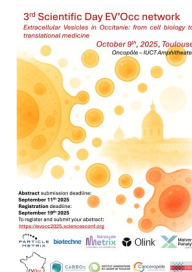
Young Network (YN)-FSEV Webinar series. The next webinar organized by YN-FSEV is a special edition presented by **Anaïs Bécot, Clément Berthy and Camille Chauvin**. They will present an **overview of the last EV 2025 conference**, organized in Paris by INSERM and FSEV. YN-FSEV hopes to see many of you there, especially those who missed this event.

See you on **Wednesday, September 24th @ 4 pm** on Zoom at the following link:

<https://univ-rennes1-fr.zoom.us/j/69027764456>

3rd scientific days of EV'Occ network (Les vésicules extracellulaires en occitanie), 09/10/2025, Toulouse.

Registration deadline 11/09/25 => [here](#).



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

ISEV Meetings

Announcing ISEV meeting on **Extracellular Vesicles in Nervous Systems** 29-31/10/2025, Montreal, and **Extracellular Vesicles in Immunity**, 5-7/11/2025, Athens. More info -> [here](#).



Recent publications from FSEV community

Letter

-David L, Goman A, Pin C, Taieb F, Branchu P, Oswald E. Studying *Pseudomonas aeruginosa* pathogenesis: the need for more than just the PAO1 strain. *Microbiol Spectr*. 2025 Sep 2;13(9):e0066525. doi: 10.1128/spectrum.00665-25. Epub 2025 Aug 11. PMID: 40788173.

Review

-Abraham L, Raise A, Beney L, Lapaquette P, Rieu A. Membrane vesicles produced by next-generation probiotics from the gut as innovative tools for human health. *Gut Microbes*. 2025 Dec;17(1):2552344. doi: 10.1080/19490976.2025.2552344. Epub 2025 Sep 1. PMID: 40888419.

-Cano-Castaño B, López-Siles M, Nonnoi F, Pérez A, Corral Lugo A, McConnell MJ. *Acinetobacter baumannii* as a Model for the Study and Application of Gram-Negative Outer Membrane Vesicles: A Systematic Review. *Microb Biotechnol*. 2025 Sep;18(9):e70207. doi: 10.1111/1751-7915.70207. PMID: 40905513.

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Review

-Chalhoub J, El Hajj M, Kreidy T, Rteil M, Eid R, Kourie HR. Liquid biopsy: an essential tool for metastatic breast cancer's follow-up. *Pharmacogenomics*. 2025 Sep 15;15:1-11. doi: 10.1080/14622416.2025.2558500. Epub ahead of print. PMID: 40952376.

-Ciobanaru C, Le Clainche C. Integrins from extracellular vesicles as players in tumor microenvironment and metastasis. *Cancer Metastasis Rev*. 2025 Sep 9;44(3):68. doi: 10.1007/s10555-025-10287-x. PMID: 40926108.

-Garling A, Auvray F, Epardaud M, Oswald É, Branchu P. Outer Membrane Vesicles as a Versatile Platform for Vaccine Development: Engineering Strategies, Applications and Challenges. *J Extracell Vesicles*. 2025 Sep;14(9):e70150. doi: 10.1002/jev2.70150. PMID: 40919883.

-Mandin V, Dupuy A, Tissot A, Degauque N, Danger R, Le Mai H, Brouard S. Extracellular Vesicles in Lung Transplantation: Biomarkers, Pathophysiological Players, and Therapeutic Weapons? *Eur J Immunol*. 2025 Sep;55(9):e70042. doi: 10.1002/eji.70042. PMID: 40916142.

Cancer

-Jouan-Hureau V, Faivre B, Boura C. Cetuximab modifies the release and protein content of tumor microvesicles from head and neck squamous cell carcinoma cells: What are the consequences on endothelial cells? *J Cell Commun Signal*. 2025 Aug 4;19(3):e70026. doi: 10.1002/ccs3.70026. PMID: 40766966.

-Vautrot V, Hervieu A, Bertaut A, Charon-Barra C, Naiken I, Causeret S, Chaigneau L, Desmoulins I, Rederstoff E, Isambert N, Gobbo J. Small Extracellular Vesicles as Biomarkers in Sarcoma Follow-Up: Protocol for a Prospective, Multicentric Pilot Study. *JMIR Res Protoc*. 2025 Sep 9;14:e63718. doi: 10.2196/63718. PMID: 40925003.

Metabolism

-Barathon F, Graindorge PH, Bescher M, Gallais I, Burel A, Morel I, Schroeder H, Grova N, Lagadic-Gossman D, Sergent O. Key role of extracellular vesicles in the induction of necroptosis and apoptosis by a mixture of polycyclic aromatic hydrocarbons in the context of a steatohepatitis-like state. *Toxicology*. 2025 Sep;516:154184. doi: 10.1016/j.tox.2025.154184. Epub 2025 May 14. PMID: 40378907.

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