



*This newsletter, created to promote spreading of information on EVs, is yours! Do not hesitate to **send any information you wish to see there or any request to [newsletter@fsev.fr](mailto:newsletter@fsev.fr)***

**October 2019**

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## NEWS FROM FSEV SOCIETY

@ The 2019 General Assembly of FSEV has led to election of a **new board for the 2019-2021 term. Informations/pictures on [www.fsev.fr](http://www.fsev.fr)**

**President/Vice-President:** Sophie Rome (Lyon) / Guillaume van Niel (Paris)

**Secretary/Vice-Secretary:** Soazig Le Lay (Angers) / Olivier Blanc-Brude (Paris)

**Treasurer/Vice-Treasurer:** Steffi Bosch (Nantes) / Clotilde Théry (Paris)

**Communication/webmasters:** Xavier Loyer (Paris) / Vincent Hyenne (Strasbourg)

**Members at large:** Julie Gavard (Nantes), Emilie Velot (Nancy)

@ **This Newsletter is yours!** Please send any information you wish to spread to the FSEV community to [newsletter@fsev.fr](mailto:newsletter@fsev.fr), it will be included in the following NL.

Information for the NL can be for instance: local meetings, invited external speakers, PhD defences, job offers, publications of FSEV members, searches for partners in grant applications, etc.

@ **FSEV offers 4 travel grants of 1000€ for Junior scientists presenting oral communications at ISEV-2020.** Please send your application to [admin@fsev.fr](mailto:admin@fsev.fr) as a single pdf including

- 1) the abstract submitted to ISEV-2020,
- 2) the email from ISEV notifying of its selection for oral presentation,
- 3) ½ page motivation to attend ISEV-2020,
- 4) 1 page CV including full affiliation, status (PhD student with date of 1<sup>st</sup> year,

Post-doc with date of PhD defence), publications (oral or poster communications, articles: accepted or submitted).

Deadline for application: **20/02/2020**

*(abstract notification of ISEV expected 14/02/2020).*

Results expected **28/02/2020**

*(deadline for ISEV-2020 registration of oral presenters is 02/03/2020).*

Possible re-opening of the call for late-breaking abstracts, if remaining fellowships available.

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## FSEV EVENTS

@ The FSEV-2019 congress in Nantes on October 14-15, was a success: around 200 participants and 25 sponsors, 90 oral and poster communications. You have received a link to the **post-congress survey**: please take 5 minutes of your time to fill it, to help FSEV improve further its future congresses.

**Our warmest congratulations to the recipients of the Junior Communication Awards**  
(see their picture on our website [www.fsev.fr](http://www.fsev.fr))

**Posters Awards:**

**Sakina Ali** (Angers): *Circulating extracellular vesicles from metabolic syndrome patients induce insulin resistance in adipocytes*

**Manon Desgres** (Paris): *Extracellular Vesicles from human iPS-derived cardiovascular progenitors do not trigger an immune response in the infarcted heart*

**Benjamin Mary** (Strasbourg): *Dissecting the fate of circulating Extracellular Vesicles in pre-metastatic niches formation*

**Jeremy Nigri** (Marseille): *Role of stromal-derived extracellular vesicles following FOLFIRINOX treatment in pancreatic cancer resistance*

**Oral Awards:**

**Emeline Bonsergent** (Paris): *Cellular Characterization of Extracellular Vesicle Uptake and Delivery*

**Nettie van Meteren** (Rennes): *Polycyclic aromatic hydrocarbons trigger a hepatocyte release of pro-apoptotic extracellular vesicles*

**Audience Oral award:**

**Pierre-Mickaël Coly** (Paris): *Exploring the crosstalk between endothelial autophagy and extracellular vesicle biology: potential role in atherosclerosis*

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**ISEV (International Society for EVs) EVENTS:**

@ ISEV Workshop “EVs in immunology”, Buenos Aires, Argentina **05-06 March 2020**.

Plus free Education day on 04 March 2020.

<https://www.isev.org/events/EventDetails.aspx?id=1232985&group=>

**Submission deadline: 15/11/2019.**

<https://www.surveymonkey.com/r/H8CWHTH>

@ ISEV Workshop “Imaging EVs in vivo”, Paris, IPNP, **19-20 March 2020**.

<https://www.isev.org/events/EventDetails.aspx?id=1232987&group=>

Registration and Abstract **submission deadline: 22/11/2019.**

<https://www.surveymonkey.com/r/KBS5JGF>

Presentations of 19/03/2020 morning are open to max 200 attendees, registration is free but mandatory.

Round Tables of the workshop will accept max 60 participants, selected on abstract and motivation.

**Co-organized by FSEV members:** Guillaume van Niel (chair, Paris), Frederik Verweij (Paris), Vincent Hyenne (Strasbourg), Xavier Loyer (Paris), Gisela d'Angelo (Paris).

@ ISEV workshop: **Open, reproducible and Standardized EV research**, Ghent University, Belgium **02-03 December 2019**.

<https://www.isev.org/events/EventDetails.aspx?id=1196703&group=>

**co-organized by FSEV member:** Clotilde Théry

@ The second Open Access course (MOOC 2) on EVs in health and Disease has been launched by ISEV in October 2019.

<https://www.coursera.org/learn/extracellular-vesicles-health-disease>

MOOC 2 is designed for intermediate learners, and prepared by team of 54 well known International EV scientists. It covers 19 topics on the roles of EVs in humans. MOOC 2 expands on the learnings from MOOC 1 and aims to provide current understanding about EVs and their role in health and disease.

FSEV members involved in preparing courses of MOOC 2 include: R Lacroix (Marseille, coagulation), R Andriantsitohaina and C Martinez (Angers, metabolism), C Théry and M Tkach (Paris, tumour and immune system interaction), C Boulanger (Paris, cardiovascular diseases).

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## OTHER EV EVENTS

### Conferences and Courses

@ 10th "Imaging the Cell" Workshop, Lyon, France 04-06/11/2019.

FSEV member speaker on EVs: Guillaume van Niel (IPNP, Paris).

<http://www.atoutcom.com/imagingthecell/>

@ NLSEV-2019, 3rd Netherlands Society for EVs annual meeting, 08/11/2019, Utrecht, Netherlands. Registration deadline 25/10/2019. <https://www.nlsev.nl/nlsev-2019/info>

@ GEIVEX: 5th annual meeting of the Spanish (and Portuguese) Society of EVs, Granada, Spain, 06-08/11/2019. <https://www.granadacongresos.com/geivex2019>

FSEV member invited speaker: Jacky Goetz (Strasbourg).

@ EVIta-2019: First symposium of the Italian Society of EVs, 06-08/11/2019, Palermo, Italy. Late registration deadline 25/10/2019.

<https://www.evitasociety.org/1st-evita-symposium-2019>.

@Two "Fusion Conferences" in March 2020, Nassau Bahamas:

**2nd Immuno-Metabolic Mechanisms of Atherosclerosis, 02-04/03/2020.**

Deadline early registration and talk submission: 08/11/2019. One session on EVs.

<https://www.fusion-conferences.com/conference/103>

FSEV member invited speaker: Clotilde Théry (Paris)

**Exosomes in Infectious Diseases conference, 05-07/03/2020.**

Deadline talk submission: 06/12/2019.

<https://www.fusion-conferences.com/conference/105>

FSEV member Co-organizer: Graça Raposo (Paris), Invited speaker: Guillaume van Niel (Paris)

@ GSEV-ASEV Autumn 2019: Second Autumn Joined meeting of German and Austrian Societies of EVs. 28-29/11/2019 + hands-on workshop 30/11/2019.

<https://www.extracellular-vesicles.de/gsev-asev-autumn-meeting-2019/>

FSEV member invited speaker: Alain Brisson (Bordeaux).

@ Formation Continue "Vésicules Extracellulaires (VE) de la préparation à la caractérisation". Faculté de Médecine Lyon-Sud, Oullins, France. 18-22/11/2019

Contact Organisateur: PASCAL COLOSETTI Email: [pascal.colosetti@inserm.fr](mailto:pascal.colosetti@inserm.fr)

Contact Formation continue: CARINE DULAC Email: [carine.dulac@univ-lyon1.fr](mailto:carine.dulac@univ-lyon1.fr)

[http://focal.univ-lyon1.fr/offre-de-formation-focal/formation-718898.kjsp?FORM\\_ID=779#PRESENTATION](http://focal.univ-lyon1.fr/offre-de-formation-focal/formation-718898.kjsp?FORM_ID=779#PRESENTATION)

### Invited Conferences on EVs

@ **Symposium** : "The evolution of the stem cell theory for cardiovascular diseases" . **08/11/2019, 10h30-12h00**, amphi Denis Escande, IRS-UN, Nantes. Organized by Flavien Charpentier (Eq Ila) and Laëtitia Guevel (UMR 703, PAnTher), Institut du Thorax, UMR 1087, Nantes.

#### Speakers:

**Jean-Sebastien Silvestre** (HEGP, Paris), "The evolution of the stem cell theory for cardiovascular diseases" (also on EVs).

**Florence Sabatier** (Aix-Marseille Université) "Les progéniteurs endothéliaux et thérapie cellulaire des vasculopathies ischémiques",

@ **Invited speaker: James Edgar**, University of Cambridge, UK: "Tethered exosomes: roles in health and diseases". **21/11/2019, 15h30**, Amphitheatre Lacassagne, Institut Curie, 26 rue d'Ulm, Paris. invited by Graça Raposo, CNRS UMR144.

### PhD Defences

@ **Alice Rannou**: *Cellules souches adultes MuStem humaines : étude de leur potentiel thérapeutique dans un contexte d'infarctus du myocarde et caractérisation de leurs vésicules extracellulaires*. **08/11/2019, 14h30**, amphi Denis Escande, IRS-UN, 8 quai Moncoussu, Nantes.

Thèse dirigée par Laetitia Guevel, UMR 703, PAnTher, ONIRIS, Atlantopole, Nantes.

@ **Roberta Palmulli**: *Role of CD63 in the biogenesis and function of exosomes*. **22/11/2019, 14h**, Amphitheater Lacassagne, Institut Curie, Paris.

Thèse dirigée par Graça Raposo, Institut Curie and Guillaume van Niel, IPNP, Paris.

@ **Stephany Fiore**: *Netrin-1 et Vésicules extracellulaires*. **29/11/2019, 14h**, Campus Rockefeller, Faculté de Médecine de Lyon Est.

Thèse dirigée par Patrick Mehlen, INSERM U1052, CRCL, Lyon.

@ **Anaïs Larabi**: "Les exosomes, médiateurs fondamentaux de la communication intercellulaire au cours de l'infection par les bactéries AIEC impliquées dans la maladie de Crohn". **29/11/2019, 13h**, Université de Clermont-ferrand.

Thèse dirigée par NGUYEN Hang et DELMAS Julien, équipe Microbes, Intestin, Inflammation et Susceptibilité de l'Hôte (M2iSH), UMR1071 INSERM, INRA USC-2018.

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### JOB OPPORTUNITIES:

@ The Horizon 2020 MSCA European Training Network **proEVLifeCycle** has opened the recruitment for its **10 PhD projects on EVs in prostate cancer**.

**Positions are still open** in Barcelona, Cardiff, Rotterdam, Turku, Utrecht and Vienna.

All information and the online application form are available on the website [www.proevlifecycle.eu](http://www.proevlifecycle.eu). Deadline for application is **01/11/2019**.

Importantly, the applicant **should NOT** have stayed more than one year in the country where he/she is applying.

**@ PhD position** at the Institut de Biologie Structurale de Grenoble (CNRS/ CEA / University Grenoble-Alpes), directed by R Sadoul, in the team of W Weissenhorn, to work on the molecular mechanisms allowing the intercellular transfer of biologically active molecules via exosomes.

Send application before **20/03/2020** in a single pdf file including CV, motivation letter, Bachelor and Master transcripts to Professor Remy Sadoul (remy.sadoul@univ-grenoble-alpes.fr)

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## RECENT publications from the french FSEV community

*SEND US YOUR ACCEPTED PAPERS and those presented in BiorXiv*

**@ Launching of a special issue** in "Sensors Journal" dealing with the Nanobiosensing of EVs in biofluids.

In this Special Issue are welcome position paper, reviews and original research papers describing the development and validation of EVs biosensors in any biological fluids. For further information, please visit [mdpi.com/si/26108](http://mdpi.com/si/26108). The submission process is opened from **april 2019 to march 2020**.

Guest Editors: Dr. Wilfrid Boireau (wilfrid.boireau@femto-st.fr) and Dr. Yu-Jui Fan (ray.yj.fan@tmu.edu.tw)

### @ Reviews

-Trézéguet V, Grosset CF. [MicroRNAs, small genic regulators with high therapeutic potential in oncology].[Article in French]. Bull Cancer. 2019 Oct;106(10):833-836. doi: 10.1016/j.bulcan.2019.08.002. Epub 2019 Sep 5.

-San Juan BP, Garcia-Leon MJ, Rangel L, Goetz JG, Chaffer CL. The Complexities of Metastasis. Cancers (Basel). 2019 Oct 16;11(10). pii: E1575. doi: 10.3390/cancers11101575. Review.

-Vidal M. Exosomes: Revisiting their role as "garbage bags". Traffic. 2019 Nov;20(11):815-828. doi: 10.1111/tra.12687. Epub 2019 Oct 1. Review. PMID: 31418976

### @ Articles

-Ruf J, Vairo D, Paganelli F, Guieu R. Extracellular vesicles with ubiquitinated adenosine A2A receptor in plasma of patients with coronary artery disease. J Cell Mol Med. 2019 Oct;23(10):6805-6811. doi: 10.1111/jcmm.14564. Epub 2019 Aug 24.

-Pannexin-1 limits the production of proinflammatory cytokines during necroptosis. Douanne T, André-Grégoire G, Trillet K, Thys A, Papin A, Feyeux M, Hulin P, Chiron D, Gavard J, Bidère N. EMBO Rep. 2019 Oct 4;20(10):e47840. doi: 10.15252/embr.201947840. Epub 2019 Aug 14.

-Exosomal HSP70 for Monitoring of Frontotemporal Dementia and Alzheimer's Disease: Clinical and FDG-PET Correlation. Chanteloup G, Cordonnier M, Moreno-Ramos T, Pytel V, Matías-Guiu J, Gobbo J, Cabrera-Martín MN, Gómez-Pinedo U, Garrido C, Matías-Guiu JA. J Alzheimers Dis. 2019 Sep 3. doi: 10.3233/JAD-190545.

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