



*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)*

**May 2020**

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Dear members of FSEV,

We hope that this period of confinement has not been too complicated and that the return to normalcy is not too far away. This should not make us forget a major event for the FSEV: it has now been 2 years since the association was officially created and we are proud of the progress we have made with you. Thank you for your continued support and for your participation in our events. Rest assured that we put all our energy into promoting the FSEV and developing new events so that everyone can present their results and develop collaborative projects.

Don't forget that this news letter was created for you so don't hesitate to use it to disseminate your information at national level.

We wish you the best for the resumption of your research work!

The FSEV board

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#### **NEWS FROM FSEV SOCIETY:**

##### **@ FSEV 2 years anniversary!**

FSEV was officially created as a “Association loi de 1901” in April 2018. Since then, we have created this monthly newsletter, run our second meeting in October 2019, and a new board has been elected for 2 years in October 2019. We thank you all as FSEV members for your continuous implication in the society!

##### **@ Petition for a plan to support France research affected by confinement**

The current situation has a major impact on our research work. The closure of French laboratories has direct negative consequences on the early career of our young researchers in precarious situation.

The FSEV society takes over a petition for a National Emergency Plan for Research. This unprecedented crisis has demonstrated the importance of supporting research more strongly in all areas.

Please follow the link to contribute to this petition:

<https://www.change.org/p/le-pr%C3%A9sident-de-la-r%C3%A9publique-la-recherche-scientifique-a-besoin-d-un-plan-d-urgence>

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#### **FSEV EVENTS:**

##### **@ Next meeting of the Grand-Ouest EV network (GO-EV)**

**Journées Scientifiques de l'Université de Nantes**, cité des congrès, Nantes, on **30/11/2020**. “**Grand-Ouest Extracellular Vesicle Network: Innovations for Health**”. Registration will be free but mandatory (limited to 80 participants). Abstracts for poster and/or oral communications are welcome (deadline **29/09/2020**).

Please visit the website: <https://js.univ-nantes.fr/colloques/grand-ouest-extracellular-vesicle-network-innovations-for-health-2564694.kjsp?RH=1486401620746>

**Keynote speakers:** Gwennan André-Grégoire (Nantes); Juan Manuel Falcon-Perez (Spain); Estefania Lozano Andres (Netherlands); Jean-Sébastien Silvestre (Paris).

For more information, please contact: [laetitia.guevel@univ-nantes.fr](mailto:laetitia.guevel@univ-nantes.fr)

#### **@ SFNano-FSEV joint summer school**

The French Society for Nanomedicine (SFNano) and the French Society for Extracellular Vesicles (FSEV) are pleased to announce an **EV Summer School** that will take place in La Grande Motte, France, on **26-28/10/2020**. This Summer School will focus on fundamental, technological, clinical and industrial aspects related to extracellular vesicles for therapy and diagnosis. More information and list of speakers at: <http://www.sfnano.fr/en/2019/11/22/summer-school-2020/>

#### **@ Thematic group on EV therapeutics**

**Last call.** S. Banzet and A. Silva-Brun have decided to launch a **thematic group to gather the French actors interested in EV therapeutics**. The goal is to create an active network to share experience and skills in optimisation for clinical grade in EV production.

For FSEV members interested in such an initiative, please contact:

Sébastien Banzet (MD, PhD), UMR-1197, Institut de Recherche Biomédicale des Armées, Clamart ([sebastien.banzet@inserm.fr](mailto:sebastien.banzet@inserm.fr))

Amanda Brun (PharmD, PhD), UMR 7057, Laboratoire Matière et Systèmes Complexes, Paris ([amanda.brun@univ-paris-diderot.fr](mailto:amanda.brun@univ-paris-diderot.fr))

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

**@ ISEV Annual Meeting 2020**, initially scheduled in Philadelphia, USA, on 20-24/05/2020. In response to the COVID19 situation across the globe, the ISEV board took the decision to convert the ISEV2020 meeting to a **fully virtual event**, on **20-22/07/2020**.

Program: <https://www.isev.org/mpage/2020Program>

Registration (150-350\$ depending status):

<https://www.isev.org/mpage/2020Registration>

Abstract submission (posters) **deadline 29/05/2020:**

<https://www.abstractscorecard.com/cfp/submit/login.asp?EventKey=MARHKFFL>

Two young french scientists will present their work: Shima Ghoroghi (Lab Goetz/Hyenne, Strasbourg) as featured abstract and Anthony Lefevre (Lab Delhem/Morales, Lille) as poster.

Other French speakers include: Guillaume van Niel (Paris) and Pascale Zimmermann (Marseille).

**@ ISEV Workshop “Imaging EVs *in vivo*”, Paris, IPNP, on 10-11 September 2020.**

Please refer to the link below for more information:

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

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

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## OTHER EV EVENTS:

### Virtual events, Conferences and Courses

@ **WebEVTalk**: Program to support networking and to push the science forward in the field of Extracellular Vesicles, by providing regular Webtalks. Organized by Carolina Soekmadji (Australia), with Jan Lötvall (Sweden) and Dolores Di Vizio (USA). Conferences **every Monday evening** (midnight French time) **and Thursday morning** (9:00 am French time).

Announced a few days before each in the Facebook page:

<https://www.facebook.com/groups/518888602152396/>

Several recorded conferences are posted in the Youtube channel:

[https://www.youtube.com/channel/UCvN\\_HxVQW8MQRLrDcNfMT6w](https://www.youtube.com/channel/UCvN_HxVQW8MQRLrDcNfMT6w)

@ **Jan Lötvall**: launched his own youtube channel, with numerous **interviews of experts** to discuss about the Extracellular Vesicle topic with him.

Please refer to: <https://www.youtube.com/user/janlot56/featured> for more information.

@ **Netherlands Society for Extracellular Vesicles, NLSEV 2020 Annual meeting**, Amsterdam, Netherlands. **26/10/2020**. [www.nlsev.nl](http://www.nlsev.nl) [2020@nlsev.nl](mailto:2020@nlsev.nl)

FSEV member invited speakers: Clotilde Théry (Paris).

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## JOB OPPORTUNITIES:

@ **Post-doc position for 2 years** in the team 3 of IRSET UMR INSERM 1085, at the University of Rennes 1, France, under the supervision of Professor Lydie Sparfel and Dr Eric Le Ferrec. To work on the "Impact of polycyclic aromatic hydrocarbons on extracellular vesicles-mediated delivery of microRNAs from human blood circulating cells – study of paracrine effects to endothelial and hepatic cells", **starting 01/09/2020**.

Please email your detailed CV, including a complete list of your publications, a cover letter of motivation explaining your interest for the chosen position, a short statement on career planning, and 2 letters of references to Professor Lydie SPARFEL ([lydie.sparfel@univ-rennes1.fr](mailto:lydie.sparfel@univ-rennes1.fr)) before **01/07/2020**.

@ **Post-doc position for 2 years** in INSERM U1063 Stress Oxydant et Pathologies Métaboliques, under the supervision of Dr Ramaroson Andriantsitohaina. To work on "Exosomes as innovative nanomedicine approaches to reverse obesity and its metabolic and psychotic complications with specific targeting of the hypothalamus".

Please email your detailed CV, including a complete list of your publications, a cover letter of motivation, a short statement on career planning, and 2 letters of references to Ramaroson Andriantsitohaina ([ramaroson.andriantsitohaina@univ-angers.fr](mailto:ramaroson.andriantsitohaina@univ-angers.fr)).

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## RECENT publications from the french FSEV community

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

### @ Blood

-Pinheiro MK, Tamagne M, Elayeb R, Andrieu M, Pirenne F, Vingert B. Blood microparticles are a component of immune modulation in red blood cell transfusion. *Eur J Immunol*. 2020 May 7. doi: 10.1002/eji.201948481. Epub ahead of print. PMID: 32379351.

### @ Brain

-Yamaguchi S, Ito S, Masuda T, Couraud PO, Ohtsuki S. Novel cyclic peptides facilitating transcellular blood-brain barrier transport of macromolecules in vitro and in vivo. *J Control Release*. 2020 May 10;321:744-755. doi: 10.1016/j.jconrel.2020.03.001. Epub 2020 Mar 2. PMID: 32135226.

-Yu Z, Shi M, Stewart T, Fernagut PO, Huang Y, Tian C, Dehay B, Atik A, Yang D, De Giorgi F, Ichas F, Canron MH, Ceravolo R, Frosini D, Kim HJ, Feng T, Meissner WG, Zhang J. Reduced oligodendrocyte exosome secretion in multiple system atrophy involves SNARE dysfunction. *Brain*. 2020 May 18;awaa110. doi: 10.1093/brain/awaa110. Epub ahead of print. PMID: 32428221.

#### @ Cell differentiation

-Veschi EA, Bolean M, Strzelecka-Kiliszek A, Bandorowicz-Pikula J, Pikula S, Granjon T, Mebarek S, Magne D, Ramos AP, Rosato N, Millán JL, Buchet R, Bottini M, Ciancaglini P. Localization of Annexin A6 in Matrix Vesicles During Physiological Mineralization. *Int J Mol Sci*. 2020 Feb 18;21(4):1367. doi: 10.3390/ijms21041367. PMID: 32085611; PMCID: PMC7072960.

#### @ DNA transfer

-Soler N, Forterre P. Vesiduction: the fourth way of HGT. *Environ Microbiol*. 2020 May 3. doi: 10.1111/1462-2920.15056. Epub ahead of print. PMID: 32363801.

#### @ Inflammation

-Larabi A, Barnich N, Nguyen HTT. New insights into the interplay between autophagy, gut microbiota and inflammatory responses in IBD. *Autophagy*. 2020 Jan;16(1):38-51. doi: 10.1080/15548627.2019.1635384. Epub 2019 Jul 9. PMID: 31286804; PMCID: PMC6984609.

#### @ Microbiology

-Tartaglia NR, Nicolas A, Rodovalho VR, Luz BSRD, Briard-Bion V, Krupova Z, Thierry A, Coste F, Burel A, Martin P, Jardin J, Azevedo V, Le Loir Y, Guédon E. Extracellular vesicles produced by human and animal *Staphylococcus aureus* strains share a highly conserved core proteome. *Sci Rep*. 2020 May 21;10(1):8467. doi: 10.1038/s41598-020-64952-y. PMID: 32439871.

#### @ Stem cells

-Cavallero S, Riccobono D, Drouet M, François S. MSC-Derived Extracellular Vesicles: New Emergency Treatment to Limit the Development of Radiation-Induced Hematopoietic Syndrome? *Health Phys*. 2020 May 5. doi: 10.1097/HP.0000000000001264. Epub ahead of print. PMID: 32384375.

#### @ Virus

-Börger V, Weiss DJ, Anderson JD, Borràs FE, Bussolati B, Carter DRF, Dominici M, Falcón-Pérez JM, Gimona M, Hill AF, Hoffman AM, de Kleijn D, Levine BL, Lim R, Lötvald J, Mitsialis SA, Monguió-Tortajada M, Muraca M, Nieuwland R, Nowocin A, O'Driscoll L, Ortiz LA, Phinney DG, Reischl I, Rohde E, Sanzenbacher R, Théry C, Toh WS, Witwer KW, Lim SK, Giebel B. ISEV and ISCT statement on EVs from MSCs and other cells: considerations for potential therapeutic agents to suppress COVID-19. *Cytotherapy*. 2020 May 16. doi: 10.1016/j.jcyt.2020.05.002. Epub ahead of print. PMID: 32425691; PMCID: PMC7229942.

-Moriel-Carretero M. The hypothetical role of Phosphatidic Acid in subverting ER membranes during SARS-CoV infection. *Traffic*. 2020 May 18. doi: 10.1111/tra.12738. Epub ahead of print. PMID: 32424954.

#### @ BioRxiv pre-prints (<https://www.biorxiv.org/>)

-Rizzo J, Chaze T, Miranda K, Robersen RW, Gorgette O, Nimrichter L, Matondo M, Latgé JP, Beauvais A, Rodrigues ML. Characterization of extracellular vesicles produced by *Aspergillus fumigatus* protoplasts. doi: <https://doi.org/10.1101/2020.05.21.109926>

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