



*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)***

## March 2021

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Dear FSEVer,

Welcome to the March 2021 Newsletter!

Highlights from this issue include special support for young research fellows:

- A call for a prize of 500€, for a PhD 2020 award open until April 15<sup>th</sup>. The doctoral award ceremony will take place during the FSEV General Assembly in December 2021. Please check below how to apply!
- Looking for a job? Benefit from the new opportunity to post your CV on the FSEV website for a period of 3 months by sending it to [jobs@fsev.fr](mailto:jobs@fsev.fr)!

The ISEV2021 meeting is coming soon, 46 French researchers will present their works. Don't miss the opportunity to meeting the largest EV community.

Best regards,  
The FSEV board

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## @ Browse EV FUTURE EVENTS AT A GLANCE



<b>April</b>	FSEV PhD 2020 awards @ Announcement of recipients
<b>May</b>	ISEV 2021, Virtual @ Education Day, 12/05/21 @ Annual Meeting, 18-21/05/21
<b>June</b>	FSEV board election @ Call for applications
<b>September</b>	SFNano/FSEV Summerschool @ La Grande Motte, 13-15/09/21
<b>December</b>	FSEV General Assembly @ Election of FSEV board members @ PhD price ceremony

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## NEWS FROM FSEV SOCIETY:

**@ Call for scholarships for young researchers and technical staff members to attend ISEV 2021 Education Day.** The FSEV board will grant selected applicants with a scholarship to cover for registration fees of the Education day (equivalent of 75\$).

Applications are now open! Send an email entitled "ISEV Educ Day" to [calls@fsev.fr](mailto:calls@fsev.fr) as a single pdf: 1) a short CV including your lab, status, expertise and publications if applicable, 2) 1 paragraph of motivation letter for attending ISEV Education day, mentioning how long you've been working on EV topics.

Deadline for application: **02/04/2021**.

**@ Call for ISEV2021 Oral Communication Prize for young researchers.** The FSEV board will grant some applicants who have been selected by the ISEV2021 IOC to present their abstracts as oral communication (a scholarship of \$200).

Applications are now open! Send an email entitled "ISEV Oral Communication" to [calls@fsev.fr](mailto:calls@fsev.fr) as a single pdf: 1) a short CV including your lab, status, communications to previous meetings and publications if applicable, 2) abstract submitted to ISEV2021, 3) ISEV notification of oral presentation selection, 4) ISEV2021 registration.

Deadline for application: **02/04/2021**.

**@ Call for FSEV PhD award 2020.**

The FSEV will offer 500€ awards for PhD theses defended in France in 2020 with outstanding contributions in the field of EV.

To apply, please send a single pdf file including your CV, a summary of the work using a graphical abstract, a short motivation letter ( $\leq 1$  page), the reports of the PhD defense as well as a recommendation letter from your PhD supervisor to [calls@fsev.fr](mailto:calls@fsev.fr)

Deadline for application: **15/04/2021**.

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## FSEV EVENTS:

*Scheduling of on-site events shall be considered in function of the evolution of the COVID19 situation in our country*

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## ISEV (International Society for EVs) EVENTS:

**@ ISEV 2021 annual meeting** will take place virtually, **18-21/05/2021**, from 2 to 6pm. Education day will take place one week before the Annual Meeting on **12/05/2021**. Save the dates for these events **co-organized by FSEV!**

For more information: <https://na.eventscloud.com/website/16865/>

Call for nomination of candidates for "ISEV Special achievement award" is open until **29/03/2021**.

Program of Education day and of full meeting are available at:  
<https://na.eventscloud.com/website/16865/iseveducationday/>  
<https://na.eventscloud.com/website/16865/program/>

**@ Extracellular Vesicle Club, virtual, weekly on Wednesdays (generally 6pm)**

Organized by **Ken Witwer**, ISEV Chair of Science and Meetings, Johns Hopkins Med U, Bethesda, USA.

You can sign up for the email list to receive weekly program and link at <https://www.surveymonkey.com/r/L25KDWB> or subscribe to the YouTube Channel for past events <https://www.youtube.com/c/ExtracellularVesicleClub>

You can also propose a topic for a future EVClub if you have an idea <https://www.surveymonkey.com/r/DC5MY9X>

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**OTHER EV EVENTS:**

**Call for papers**

**@ Research topics including all aspects of EV biology, such as their role in cancer infection, inflammation and other dispositions**

Our colleagues from GSEV (German Society for Extracellular Vesicles) are looking for contributions to their 2021s issue of the official GSEV proceedings *Trillium Extracellular Vesicles* (TEV).

All manuscripts will be published open-access and free-of-charge, and each contribution will be assigned an individual DOI number. Original manuscripts are accepted, but also reviews and perspectives. Deadline for submission: **01/05/2021**. Please refer to the following link for more information: <https://www.trillium.de/en/journals/trillium-extracellular-vesicles.html>

**Virtual events, Conferences and Courses**

**@ 23<sup>rd</sup> annual meeting Exo/Endo** to be held online on **10-11/06/2021** with special sessions on Extracellular vesicles.

Abstracts will be selected for 15 min presentations and to replace posters, flash presentations of 3 minutes will be planned. For more information, please see: <http://www.exoendo.org/>

Registration & dead-line abstract: **20/04/2021**, follow the link: <https://forms.gle/nqA8PSoyBY3NyE4Z7>. Please note that registration is free but is mandatory even if you do not submit an abstract.

**@ ISCT 2021 annual meeting, virtual, 26-28/05/2021.**

There will be one plenary session “First in man” and 3 breakout sessions: “EVs and cardiovascular diseases”, “EVs for Infectious Diseases and Preparedness for future pandemics” and “EVs as drug delivery vehicles”. More info at: <https://isct2021.com/>

**@ NANOTUMOR 2021 1<sup>st</sup> series of virtual meetings around Intravital Imaging & Cancer**, NANOTUMOR is a French initiative whose objective is to map key ultrastructural and protein elements in cancer cells using multi-resolution approaches.

Session 7 about EVs “Imaging the Niche” **25/06/2021** (12:00-14:00pm, GMT), Chaired by P. Timpson (AU) & J.G. Goetz (FR). For more information, please follow the link: <https://www.nanotumor.fr/2021-virtual-seminars>

**@ WebEVTalk:** Program to support networking in the field of Extracellular Vesicles by Carolina Soekmadji (Australia), with Jan Lötvall (Sweden) and Dolores Di Vizio (USA).

FSEV member, Vincent Hyenne (INSERM U1109, Strasbourg) will present his work on tumor EV biogenesis and function on April 13<sup>th</sup>.

If you wish to present your work, you can send an email to Carolina Soekmadji ([Carolina.Soekmadji@qimrberghofer.edu.au](mailto:Carolina.Soekmadji@qimrberghofer.edu.au))

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

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

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**JOB OPPORTUNITIES:** for more details, please see FSEV website.

**@ Postdoctoral position for 2 years** at the Hormone Laboratory, Department of Medical Biochemistry and Pharmacology, Haukeland University Hospital (Norway). The project aims to use nanoscaled exosomes as a tool to specifically target the hypothalamic areas with DNA that encodes proteins modulating energy balance. The aim is to implement this strategy in various animal models of obesity.

Send your applications to [Johan.Ferno@uib.no](mailto:Johan.Ferno@uib.no)

**@ Postdoctoral position for 2 years** in vascular biology and EVs is available in Chantal Boulanger's lab at the Paris Cardiovascular Research Center (PARCC), UMR 970 INSERM-Université de Paris.

The postdoc will work on mechanisms of EV release and biodistribution in the context of cardiovascular disease development. The applicant, with a strong background in cell biology, molecular biology and/or pathology-physiology, should have obtained a PhD in the last 2 years. Excellent communication skills are also expected. Previous experience with EV would be an advantage.

The appointment will start as early as **June 1<sup>st</sup>, 2021**. Applications will be considered as they are received and will be evaluated continuously until the position is filled. Interested candidates should send their CV, list of publications, motivation letter and the name of two referees to Chantal Boulanger ([chantal.boulanger@inserm.fr](mailto:chantal.boulanger@inserm.fr)).

More info about the lab and the research center: <http://parcc.inserm.fr>

**@ Postdoctoral position for 1 year (with possibilities to extend)** The Goetz Lab at INSERM U1109 (Tumor Biomechanics, [www.goetzlab.com](http://www.goetzlab.com), CRBS, Strasbourg, France) is seeking a talented postdoctoral scientist with strong background in **Intravital Microscopy and Cancer biology** and interest in interdisciplinary research. The project is centered on imaging tumor cells and its microenvironnement in mice, with a focus on tumor EVs and biomechanics. Details can be found here:

[https://7ade5b55-6b9e-4d65-875b-](https://7ade5b55-6b9e-4d65-875b-5767fd49f112.filesusr.com/ugd/e6f78d_3102eadf1cfa45dea3eae29e4e2ae3aa.pdf)

[5767fd49f112.filesusr.com/ugd/e6f78d\\_3102eadf1cfa45dea3eae29e4e2ae3aa.pdf](https://7ade5b55-6b9e-4d65-875b-5767fd49f112.filesusr.com/ugd/e6f78d_3102eadf1cfa45dea3eae29e4e2ae3aa.pdf)

**For more information** on the group's research, see [www.goetzlab.com](http://www.goetzlab.com)

**All applications must be sent to:** Jacky G. Goetz ([jacky.goetz@inserm.fr](mailto:jacky.goetz@inserm.fr))

**@ Mobility offer :** dans le cadre de sa volonté de développer une nouvelle thématique autour des exosomes thérapeutiques vectorisés, l'équipe Zimmermann (CRCM Marseille, et KULeuven Belgique) fait un appel à toutes les personnes statutaires qui souhaiteraient contribuer à ce projet et rejoindre l'équipe pour une période d'un an au moins. Tous les niveaux de compétences (ITA, CR, DR, MCU, PU, PUPH...) et toutes les disciplines (pharmacie, médecine, chimie, bioinformatique, biologie moléculaire,

biochimie, biologie cellulaire, biologie du cancer, neurobiologie ou autres...) sont bienvenus.

Pour plus d'information ou candidature (CV d'une page plus court paragraphe de motivation) merci d'envoyer un email à : [pascale.zimmermann@kuleuven.be](mailto:pascale.zimmermann@kuleuven.be) ou [pascale.zimmermann@inserm.fr](mailto:pascale.zimmermann@inserm.fr)

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## RECENT publications from the french FSEV community:

### SEND US YOUR ACCEPTED PAPERS

#### @ FASEB BioAdvances “Special Collection on Extracellular Vesicles and Homeostasis”

Follow the link [https://faseb.onlinelibrary.wiley.com/doi/toc/10.1096/\(ISSN\)2573-9832.Extracellular-Vesicles-Homeostasis](https://faseb.onlinelibrary.wiley.com/doi/toc/10.1096/(ISSN)2573-9832.Extracellular-Vesicles-Homeostasis) to see FSEV members contribution: Graça Raposo, Guillaume van Niel (authors and editors), Laurence Nieto, Soazig Le Lay, Xavier Loyer, Sophie Rome, Gisela D'Angelo, and Vincent Hyenne.

#### @ Review

-Fouidi N, Legeay S. Effects of physical activity on cell-to-cell communication during type 2 diabetes: A focus on miRNA signaling. *Fundam Clin Pharmacol.* 2021 Mar 6. doi: 10.1111/fcp.12665. Epub ahead of print. PMID:33675090.

-Pezzana C, Agnely F, Bochot A, Siepmann J, Menasché P. Extracellular Vesicles and Biomaterial Design: New Therapies for Cardiac Repair. *Trends Mol Med.* 2021 Mar;27(3):231-247. doi: 10.1016/j.molmed.2020.10.006. Epub 2020 Nov 17. PMID: 33218944.

#### @ Brain

-Zhang L, Lin TV, Yuan Q, Sadoul R, Lam TT, Bordey A. Small extracellular vesicles control dendritic spine development through regulation of HDAC2 signaling. *J Neurosci.* 2021 Mar 18;JN-RM-0766-20. doi:10.1523/JNEUROSCI.0766-20.2021. Epub ahead of print. PMID: 33741723.

#### @ Bone

-Gritsaenko T, Pierrefite-Carle V, Creff G, Simoneau B, Hagège A, Farlay D, Pagnotta S, Orange F, Jaurand X, Auwer CD, Carle GF, Santucci-Darmanin S. Low doses of uranium and osteoclastic bone resorption: key reciprocal effects evidenced using new in vitro biomimetic models of bone matrix. *Arch Toxicol.* 2021 Mar;95(3):1023-1037. doi:10.1007/s00204-020-02966-1. Epub 2021 Jan 11. PMID: 33426622.

#### @ Methods

-Martin-Jaular L, Nevo N, Schessner JP, Tkach M, Jouve M, Dingli F, Loew D, Witwer KW, Ostrowski M, Borner GHH, Théry C. Unbiased proteomic profiling of host cell extracellular vesicle composition and dynamics upon HIV-1 infection. *EMBO J.* 2021 Mar 11:e105492. doi: 10.15252/embj.2020105492. Epub ahead of print. PMID: 33709510.

-Perissinotto F, Rondelli V, Senigaglia B, Brocca P, Almásy L, Bottyán L, Merkel DG, Amenitsch H, Sartori B, Pachler K, Mayr M, Gimona M, Rohde E, Casalis L, Parris P. Structural insights into fusion mechanisms of small extracellular vesicles with model plasma membranes. *Nanoscale.* 2021 Mar 18;13(10):5224-5233. doi: 10.1039/d0nr09075a. PMID: 33687046.

#### @ Microbiota

-Yeoman CJ, Fields CJ, Lepercq P, Ruiz P, Forano E, White BA, Mosoni P. *In Vivo* Competitions between *Fibrobacter succinogenes*, *Ruminococcus flavefaciens*, and *Ruminococcus albus* in a Gnotobiotic Sheep Model Revealed by Multi-Omic Analyses. *mBio.* 2021 Mar 3;12(2):e03533-20. doi: 10.1128/mBio.03533-20. PMID: 33658330.

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