



NOVEMBER 2018

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#### NEWS FROM FSEV SOCIETY:

@ Association Loi 1901 (Société Française des Vésicules Extracellulaires – FSEV) created on April 21st 2018.

**Interim Board** : Sophie ROME (Lyon, Présidente), Soazig LE LAY (Angers, Secrétaire), Dan EL GRABLI (Paris, Secrétaire adjoint), Steffi BOSCH (Nantes, Trésorière), Clotilde THERY (Paris, Trésorière adjointe), Guillaume VAN NIEL – Xavier LOYER – Frederik VERWEIJ (Paris, Webmasters).

@ Elections for the Conseil d'Administration (CA) will be held the month(s) preceding the FSEV-2019 meeting. The board members will be elected from the CA members during the FSEV-2019 meeting

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#### FSEV EVENTS:

@FSEV-2019: ENSA, Nantes, France, October 14-15th, 2019. **Save the date!**  
<https://symposium.inra.fr/fsev2019>

@Other National Meetings: Grand-Ouest EV (GO-EV): 5th meeting, Nantes 08/02/2019.

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#### OTHER EV EVENTS:

@ISEV-2019: Kyoto, Japan, April 24-28th, 2019. [www.isev.org](http://www.isev.org).

**Deadline for abstract submission 03/12/2018** [www.isev.org/page/ISEV2019Abst?](http://www.isev.org/page/ISEV2019Abst?)

@ISEV-Workshop 2018: EV-based theranostics. Guangzhou, China, November 18-20.  
[www.isev.org/page/ChinaWorkshop](http://www.isev.org/page/ChinaWorkshop)

@International Meetings: *Cold Spring Harbor Asia Conference on Biology of EVs*. Suzhou, China, November 12-16, 2018. <https://www.csh-asia.org/2018meetings/extra.html>

French speakers: Graça Raposo (Paris), Guillaume van Niel (Paris), Alain Brisson (Bordeaux).

@Thesis defenses in France:

Sara Mouasni: "Implication de l'inflammasome NLRP3 dans la sécrétion non conventionnelle de la protéine FADD". 21/11/2018. Institut Cochin, Paris. Supervisor Léa Remy-Tourneur.

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## JOB OPPORTUNITIES:

@CarMeN laboratory (UMR INSERM 1060/INRA 1397, LYON) is seeking for researchers with permanent position to join the team "Muscle mass and organ cross-talks" to work on muscle release EVs (PI, Sophie ROME, DR2)  
Contact: Sophie ROME (sophie.rome@univ-lyon1.fr)  
CarMeN Laboratory: <http://carmen.univ-lyon1.fr>

@Post-doc 3 years starting march 1st 2019.  
Biology of EVs in Huntington's disease. Institut Biologie Paris Seine, team « Compensatory systems in Neurodegenerative Diseases & Aging », directed by Christian Neri. Full adv available at: [www.fsev.fr/jobs.html](http://www.fsev.fr/jobs.html)  
Contact: christian.neri@inserm.fr, <http://www.ibps.upmc.fr/en/research/biological-adaptation-and-ageing/brain>).

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## RECENT EV ARTICLES (from FSEV members)

@MISEV-2018: **The new extensive guidelines on EV research are published !**  
C Théry\*, K W Witwer\* et al J Extracell Vesicles 2018, Nov 28;7(1): 1535750. doi: 10.1080/20013078.2018.1535750. ecollection 2018. Minimal Information for Studies of Extracellular Vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines.  
*(several FSEV members are co-authors of this paper)*

@Silva AKA, Perretta S, Perrod G, Pidial L, Lindner V, Carn F, Lemieux S, Alloeyau D, Boucenna I, Menasché P, Dallemagne B, Gazeau F, Wilhelm C, Cellier C, Clément O, Rahmi G. ACS Nano. 2018 Oct 23;12(10):9800-9814. doi: 10.1021/acsnano.8b00117. Epub 2018 Sep 25. Thermo-responsive Gel Embedded with Adipose Stem-Cell-Derived Extracellular Vesicles Promotes Esophageal Fistula Healing in a Thermo-Actuated Delivery Strategy.

@Payancé A, Silva-Junior G, Bissonnette J, Tanguy M, Pasquet B, Levi C, Roux O, Nekachtali O, Baiges A, Hernández-Gea V, Laouénan C, Lebrech D, Albuquerque M, Paradis V, Moreau R, Valla D, Durand F, Boulanger CM, Garcia-Pagan JC, Rautou PE. Hepatology. 2018 Oct ;68(4):1508-1518. doi: 10.1002/hep.29903. Epub 2018 May 21. Hepatocyte microvesicle levels improve prediction of mortality in patients with cirrhosis.

@Thuringer D, Chanteloup G, Winckler P, Garrido C. Oncotarget. 2018 Sep 7;9(70):33302-33311. doi:10.18632/oncotarget.26048. eCollection 2018 Sep 7. The vesicular transfer of CLIC1 from glioblastoma to microvascular endothelial cells requires TRPM7.

@Tartaglia NR, Breyne K, Meyer E, Cauty C, Jardin J, Chrétien D, Dupont A, Demeyere K, Berkova N, Azevedo V, Guédon E, Le Loir Y. Front Cell Infect Microbiol. 2018 Aug 22;8:277. doi: 10.3389/fcimb.2018.00277. eCollection 2018. Staphylococcus aureus Extracellular Vesicles Elicit an Immunostimulatory Response in vivo on the Murine Mammary Gland.

@Cointe S, Harti Souab K, Bouriche T, Vallier L, Bonifay A, Judicone C, Robert S, Armand R, Poncelet P, Albanese J, Dignat-George F, Lacroix R. J Extracell Vesicles. 2018 Jul 16;7(1):1494482. doi:

10.1080/20013078.2018.1494482. eCollection 2018. A new assay to evaluate microvesicle plasmin generation capacity: validation in disease with fibrinolysis imbalance.

@Piffoux M1, Silva AKA1, Wilhelm C1, Gazeau F1, Taresté D2,3,4ACS Nano. 2018 Jul 24;12(7):6830-6842. doi: 10.1021/acsnano.8b02053. Epub 2018 Jul 10. Modification of Extracellular Vesicles by Fusion with Liposomes for the Design of Personalized Biogenic Drug Delivery Systems.

@Loyer X, Zlatanova I, Devue C, Yin M, Howangyin KY, Klaihmou P, Guerin CL, Kheloufi M, Vilar J, Zannis K, Fleischmann BK, Hwang DW, Park J, Lee H, Menasché P, Silvestre JS, Boulanger CM. Intra-Cardiac Release of Extracellular Vesicles Shapes Inflammation Following Myocardial Infarction. *Circ Res*. 2018 Jun 22;123(1):100-106. doi: 10.1161/CIRCRESAHA.117.311326. Epub 2018 Mar 28.

@El Harane N, Kervadec A, Bellamy V, Pidial L, Neametalla HJ, Perier MC, Lima Correa B, Thiébault L, Cagnard N, Duché A, Brunaud C, Lemitre M, Gauthier J, Bourdillon AT, Renault MP, Hovhannisyann Y, Paiva S, Colas AR, Agbulut O, Hagège A, Silvestre JS, Menasché P, Renault NKE. A cellular therapeutic approach for heart failure: in vitro production of extracellular vesicles from human cardiovascular progenitors. *Eur Heart J*. 2018 May 21;39(20):1835-1847. doi: 10.1093/eurheartj/ehy012.

@Verweij FJ, Bebelman MP, Jimenez CR, Garcia-Vallejo JJ, Janssen H, Neefjes J, Knol JC, de Goeij-de Haas R, Piersma SR, Baglio SR, Verhage M, Middeldorp JM, Zomer A, van Rheenen J, Coppolino MG, Hurbain I, Raposo G, Smit MJ, Toonen RFG, van Niel G, Pegtel DM. Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. *J Cell Biol*. 2018 Mar 5;217(3):1129-1142. doi: 10.1083/jcb.201703206. Epub 2018 Jan 16. Erratum in: *J Cell Biol*. 2018 Jan 23.

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@Piffoux M, Ahmad N, Nelayah J, Wilhelm C, Silva A, Gazeau F, Alloyeau D. Monitoring the dynamics of cell-derived extracellular vesicles at the nanoscale by liquid-cell transmission electron microscopy. *Nanoscale*. 2018 Jan 18;10(3):1234-1244. doi: 10.1039/c7nr07576f.

@Laulagnier K, Javalet C, Hemming FJ, Chivet M, Lachenal G, Blot B, Chatellard C, Sadoul R. *Cell Mol Life Sci*. 2018 Feb;75(4):757-773. doi: 10.1007/s00018-017-2664-0. Epub 2017 Sep 27. Amyloid precursor protein products concentrate in a subset of exosomes specifically endocytosed by neurons.

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@ For any request or information, contact us at : [admin@fsev.fr](mailto:admin@fsev.fr)

