



*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***

November 2022



FSEV board members in attendance at FSEV Congress 2022

From left to right: Guillaume Van Niel, Émilie Velot, Olivier Blanc-Brude, Rania Ghossoub, Vincent Hyenne, Steffi Bösch, Jessica Gobbo, Larie Morille, Julie Gavard, and Christian Neri (missing Sébastien Banzet).

Dear FSEVers,

What a pleasure to have seen so many of you in person at the 5th FSEV congress in Paris! Top science, new faces, friendly sponsors, a dream gala dinner. We believe this meeting was a success, it is thanks to all of you and to a first class local organizing committee (the whole board in fact! 😊). Thank you all and we look forward to seeing you at our next congress!

Best regards,
The FSEV board

Best oral presentations :

Pierre-Michaël Coly (IPNP, Paris)

“Development of an optogenetic tool to modulate exosome secretion through inducible membrane contact sites”

Martial Caillaud (Inserm, Nantes)

“Extracellular vesicles: mediators of enteric neuron activity in autism spectrum disorders”

Best poster presentations :

Camille Dantzer (Inserm, Bordeaux)

“Mutated β -catenin regulates extracellular vesicles machinery in hepatocellular carcinoma”

Lucas Walther (Inserm, Transgene, Strasbourg)

“Isolating extracellular vesicles from viral particles to improve poxvirus-based immunotherapies: methods comparison”

FSEV 2022 PhD Award

The FSEV 2022 PhD award has been attributed to **Mathilde Bergamelli** (Infinity, Université de Toulouse III / INSERM UMR 1291/ CNRS UMR505) for her thesis entitled: “Impact de l’infection congénitale par le Cytomégalovirus humain sur la sécrétion de petites vésicules extracellulaires placentaires et conséquences sur le développement cérébral fœtal”
Mathilde will present her work at the **Extracellular Vesicle Club** on **November 23rd** (see later for details)



NEWS FROM FSEV SOCIETY:

@ **LinkedIn**: also remember to follow us at <https://www.linkedin.com/company/french-society-for-extracellular-vesicles-fsev/?viewAsMember=true>

@ **MOVE European Mobility Fellowships 2022**

EV societies across Europe has got together to form **MOVE (MObility for Vesicles research in Europe)** and their 1st project is to give early stage scientists the opportunity to work in a different European lab.

MOVE European Mobility Fellowship aims to foster collaboration between the members of different European EV Societies and Networks. The Fellowship will enable Early Career Researchers (the applicants) to travel to another lab in Europe (the hosts) to develop both their technical skills and enlarge their own professional networks.

The Fellowship is intended for technicians, PhD students and early-stage postdoctoral researchers (≤ 5 years, excluding career breaks). There may be some exceptions. This will be at the discretion of each national society.

FSEV will offer two Fellowships to cover travel and subsistence (but not bench fees) to work within a host lab at an academic institution in a different European country for 1-3 months, to a maximum value of €2000.

Process: <https://www.ukev.org.uk/move-mobility-ev-europe/>

- Look up host labs registered with the project on:

<https://docs.google.com/spreadsheets/d/19y7JppcAJLyTlaV21A5YCpyAfhtivkUh/edit?usp=sharing&oid=106664164426554744978&rtpof=true&sd=true>

Applications are now open to study abroad!

- Contact the host lab directly to discuss your proposed project

- Apply for the placement through the specific forms and process of your society

This is a rolling application and different societies will have different times to apply and rules, so contact them directly from the list below.

ISEV (International Society for EVs) EVENTS:

@ **QuantitatEVs**: multiscale analyses, from bulk to single vesicle; **31/01/23-03/02/23**

More information at: <https://isev.memberclicks.net/quantitatevs>

@ **Venice Winter School**, **06-10/02/23**

More information at: <http://venice2023.ibf.cnr.it/>

@ **Urinary EVs – uEVs 2nd Virtual Symposium**, **15-16/02/23**

More information at: <https://isev.memberclicks.net/urinaryevs>

@ **ISEV2023 Annual Meeting: Save the date! 17-21/05/23**, Seattle, Washington.

More information at: <https://isev.memberclicks.net/isev2023>

@ **METVES II – Standardisation of concentration measurements of extracellular vesicles for medical diagnoses**, Workshop **24/11/23**. More information at: [https://isev.memberclicks.net/index.php?option=com_jevents&task=icalrepeat.detail&evid=159&Itemid=115&year=2022&month=11&day=24&title=metves-ii-workshop-
&uid=625feed43f802b90b76ae309644f1a4a](https://isev.memberclicks.net/index.php?option=com_jevents&task=icalrepeat.detail&evid=159&Itemid=115&year=2022&month=11&day=24&title=metves-ii-workshop-&uid=625feed43f802b90b76ae309644f1a4a)

@ **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.

On November 23rd, **Mathilde Bergamelli**, recipient of the FSEV 2022 PhD Award, will present her work.

You can sign up for the email list to receive the 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 submit suggestions of topics for a future EVClub: <https://www.surveymonkey.com/r/DC5MY9X>

OTHER EV EVENTS:

Practical Course

@ EMBO Practical Course **Extracellular vesicles: from biology to biomedical applications**

This course is intended for PhD students and Postdoctoral researchers who are interested in learning how to work with extracellular vesicles and know more about their biomedical applications.

Organisers: An Hendrix, Esther Nolte-t-Hoen, **Guillaume van Niel** (FSEV board member)

Date: **12-17/03/23**; Location: EMBL Heidelberg; Venue: EMBL Advanced Training Centre

More information @

<https://www.embl.org/about/info/course-and-conference-office/events/exo23-01/>

Application deadline: 08/01/23 @

<https://embl.ungerboeck.com/PROD/emc00/PublicSignIn.aspx?&aat=r7Ry53LIAEw8zxKI9QdKNZ18IVv9Ssz3ZuQlrTydzN0%3d>

Call for papers

@ Research Topic **“Mesenchymal Stem Cell-Derived Extracellular Vesicles: Considerations and Therapeutic Applications?”**

Our colleague **Émilie Velot** (FSEV board member; UMR 7365 Ingénierie Moléculaire et Physiopathologie Articulaire — IMoPA CNRS-Université de Lorraine, Nancy) is co-editor of this special issue in this **call for papers** to be published in ***Frontiers in Cell and Developmental Biology***.

Mesenchymal stem (stromal) cells (MSCs) are the most common cells used in cell therapy trials. These cells act via a myriad of paracrine pathways that mostly involve releasing extracellular vesicles (EVs). The therapeutic potential of MSCs-derived EVs (MSC-EVs) has been shown to be promising for many diseases (autoimmune, brain, cancer, skin, respiratory system, urinary system, vascular system...) and MSC-EVs therapy may replace MSC therapy in the future.

The goal of this Research Topic is to gather new research on the therapeutic applications of MSC-EVs in a variety of diseases, considerations of the use of MSC-EVs as a drug delivery vehicle and address the current challenges associated with large scale production of MSC-EVs.

For more information, please contact: emilie.velot@univ-lorraine.fr

Core Facility

@ **CurieCoreTech Extracellular Vesicles:** the Core facility of Institut Curie (Paris) dedicated to the isolation and analysis of EVs, is open for external users:

<https://institut-curie.org/platform/curiecoretech-extracellular-vesicles>

The facility was created in 2021 by Coralie Guérin and Clotilde Théry, internationally recognized experts in flow cytometry and extracellular vesicles, respectively.

Send your request for information and appointment to: extracellularvesicles@curie.fr

PhD Defense:

@ Federico Coccozza: Thèse soutenue le **9 décembre 2022 à 14h à l'Institut Curie (Paris)** et intitulée "Evaluating the potential of subtypes of extracellular vesicles and particles as protein carriers for therapeutic applications" (Supervisors: Mercedes Tkach and Clotilde Théry)

@ Manon Desgres-Dassonville: Thèse soutenue le **25 Novembre 2022 au PARCC (Paris)** et intitulée "Utilisation des vésicules extracellulaires dérivées de cellules cardiaques progénitrices pour le traitement des cardiopathies induites par chimiothérapie" (Université Paris Cité, Paris Cardiovascular Research Center – PARCC, INSERM U970, Paris)

@ Benjamin Mary: Thèse soutenue le **20 Décembre 2022 au CRBS (Strasbourg)** et intitulée "Dissecting the impact of hemodynamic forces in uptake, fate and function of circulating tumor extracellular vesicles" (Université de Strasbourg, INSERM U1109, CRBS, Strasbourg). **Seminars on EVs will be organized in the morning at CRBS.** For more informations, contact hyenne@unistra.fr

EPHE Diploma Defence:

@ Alix Zhou: Soutenance le **2 décembre 2022 à l'Institut Curie (Paris)** intitulée "Rôle de SERINC3, NEU3 et Nef dans la sécrétion et la composition des différents types de vésicules extracellulaires"

HONORS:

@ Institut Universitaire de France – IUF / Innovation Chair: our colleague **Marie Morille** (FSEV board member, vice treasurer; UMR 5253 Institut Charles Gerhardt Montpellier – ICGM CNRS-Université de Montpellier-École Nationale Supérieure de Chimie de Montpellier, Montpellier) is appointed for 5 years as an *IUF junior member* to develop different types of EV-based biopharmaceuticals that can be administered locally to the lungs for the treatment of various pulmonary pathologies, such as cystic fibrosis or bronchial cancers.

Congratulations for this great achievement!

Virtual events, Conferences and Courses

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

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

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

https://www.youtube.com/channel/UCvN_HxVQW8MQRLrDcNfMT6w

JOB OPPORTUNITIES:

for more details, please see FSEV website (<https://www.fsev.fr/jobs.html>)

In order to keep the job offers up to date, we ask employers to indicate monthly (before the last week of the current month), whether the offer is still open.

If no update information is provided, the announcement will be deleted from this section.

Thank you for your understanding!

@ a 3-year PhD Position is open at INRAE, Clermont-Ferrand/Saint Genes Champanelle, France. The PhD work will be performed out in the Biomarkers team of the UMR Herbivores whose research programmes aimed at identifying, in cattle, the physiological mechanisms and biomarkers of feed efficiency and at determining the roles of adiposity and adipokines on animal performance.

The thesis aims to characterize the molecular signatures present in circulating microvesicles (exosomes) and explaining feed efficiency or body composition in meat-producing crossbred cattle raised on grass. Its program relies on the hypothesis that the integration of proteomic and lipidomic exosomal signatures and phenotypic data will characterize the mechanisms involved in these phenotypes and identify minimally invasive biomarkers to characterize them.

-Recommended training: Master in cellular and molecular biology or in animal physiology.

-Desired knowledge: whole-body physiology in mammals, datamining.

-Experience appreciated: data analysis on R, M2 internship or end of study carried out in a research laboratory

-Skills sought: writing and presentation skills will be appreciated. Knowledge of physiology or livestock in general will be an advantage for the understanding of the project.

For application details please contact:

isabelle.cassar-malek@inrae.fr and muriel.bonnet@inrae.fr

@ a 2-year Post-doc Position in Immunology and Cutaneous Biology with experience in Extracellular Vesicles, INCIT, Nantes. Under the auspices of the competitive 4th call for "Hospital-University Research in Health" (RHU) projects of the future investment program (PIA ANR), the INSERM "clinical and translational skin research" team (INCIT UMR 1302) coordinates the RHU SUccESS in the area of skin healing. The objective is to produce a regenerative dressing for deep 2nd degree burns from a fetal secretome. Team is focused on the immunological properties of this secretome and the production and characterization of Extracellular Vesicles (EVs) produced by the secretome.

For application details please contact:

brigitte.dreno@atlanmed.fr & catherine.ruiz@chu-nantes.fr

RECENT publications from the french FSEV community:

SEND US YOUR ACCEPTED PAPERS

@ Editorial

-Arangalage D, Franck G, Caligiuri G. Plasminogen Activator Inhibitor-1: Another String in the Platelet-Derived Extracellular Vesicles Bow? JACC Basic Transl Sci. 2022 Oct 24;7(10):998-1000. doi: 0.1016/j.jacbts.2022.06.016. PMID: 36337917.

@ Commentary

- Barrière J, Frank F, Besançon L, Samuel A, Saada V, Billy E, Al-Ahmad A, Seitz-Polski B, Robert J. Scientific Integrity Requires Publishing Rebuttals and Retracting Problematic Papers. *Stem Cell Rev Rep.* 2022 Oct 26;1–5. doi:10.1007/s12015-022-10465-2. Epub ahead of print. PMID: 36287337.

@ Review

-Caillon A, Trimaille A, Favre J, Jesel L, Morel O, Kauffenstein G. Role of neutrophils, platelets, and extracellular vesicles and their interactions in COVID-19-associated thrombopathy. *J Thromb Haemost.* 2022 Jan;20(1):17-31. doi: 10.1111/jth.15566. Epub 2021 Nov 9. PMID: 34672094.

-Coulange Zavarro A, De Girolamo L, Laver L, Sánchez M, Tischler T, Filardo G, Sabatier F, Magalon J. The Top 100 Most Cited Articles on Platelet-Rich Plasma Use in Regenerative Medicine-A Bibliometric Analysis-From the ESSKA Orthobiologic Initiative. *Bioengineering (Basel).* 2022 Oct 19;9(10):580. doi: 10.3390/bioengineering9100580. PMID: 36290547.

-Daou Y, Falabrègue M, Pourzand C, Peyssonnaud C, Edeas M. Host and microbiota derived extracellular vesicles: Crucial players in iron homeostasis. *Front Med (Lausanne).* 2022 Oct 13;9:985141. doi: 10.3389/fmed.2022.985141. PMID: 36314015.

-Hochreuter MY, Dall M, Treebak JT, Barrès R. MicroRNAs in non-alcoholic fatty liver disease: Progress and perspectives. *Mol Metab.* 2022 Nov;65:101581. doi: 10.1016/j.molmet.2022.101581. Epub 2022 Aug 23. PMID:36028120

-Louis C, Leclerc D, Coulouarn C. Emerging roles of circular RNAs in liver cancer. *JHEP Rep.* 2021 Nov 27;4(2):100413. doi: 10.1016/j.jhepr.2021.100413. PMID: 35036887

-Pozzobon M, D'Agostino S, Roubelakis MG, Cargnoni A, Gramignoli R, Wolbank S, Gindraux F, Bollini S, Kerdjoudj H, Fenelon M, Di Pietro R, Basile M, Borutinskaitė V, Piva R, Schoeberlein A, Eissner G, Giebel B, Ponsaerts P. General consensus on multimodal functions and validation analysis of perinatal derivatives for regenerative medicine applications. *Front Bioeng Biotechnol.* 2022 Oct 3;10:961987. doi: 10.3389/fbioe.2022.961987. PMID:36263355.

-Regimbeau M, Abrey J, Vautrot V, Causse S, Gobbo J, Garrido C. Heat shock proteins and exosomes in cancer theranostics. *Semin Cancer Biol.* 2022 Nov;86(Pt 1):46-57. doi: 10.1016/j.semcancer.2021.07.014. Epub 2021 Jul 31. PMID: 34343652.

-Vlaeminck-Guillem V. Exosomes and prostate cancer management. *Semin Cancer Biol.* 2022 Nov;86(Pt 1):101-111. doi: 10.1016/j.semcancer.2021.08.004. Epub 2021 Aug 9. PMID: 34384877

-Wolf A, Tanguy E, Wang Q, Gasman S, Vitale N. Phospholipase D and cancer metastasis: A focus on exosomes. *Adv Biol Regul.* 2022 Oct 14:100924. doi: 10.1016/j.jbior.2022.100924. Epub ahead of print. PMID: 36272918.

-Xicota L, De Toma I, Maffioletti E, Pisanu C, Squassina A, Baune BT, Potier MC, Stacey D, Dierssen M; European College of Neuropsychopharmacology (ECNP) Pharmacogenomics & Transcriptomics Thematic Workgroup. Recommendations for pharmacotranscriptomic profiling of drug response in CNS disorders. *Eur Neuropsychopharmacol.* 2022 Jan;54:41-53. doi: 10.1016/j.euroneuro.2021.10.005. Epub 2021 Nov 4. PMID:34743061.

@ Brain

-Bokobza C, Joshi P, Schang AL, Csaba Z, Faivre V, Montané A, Galland A, Benmamar-Badel A, Boshier E, Lebon S, Schwendimann L, Mani S, Dournaud P, Besson V, Fleiss B, Gressens P, Van Steenwinckel J. miR-146b Protects the Perinatal Brain against Microglia-Induced Hypomyelination. *Ann Neurol.* 2022 Jan;91(1):48-65. doi:10.1002/ana.26263. Epub 2021 Nov 26. PMID: 34741343

-Burbidge K, Rademacher DJ, Mattick J, Zack S, Grillini A, Bousset L, Kwon O, Kubicki K, Simon A, Melki R, Campbell EM. LGALS3 (galectin 3) mediates an unconventional secretion of SNCA/ α -synuclein in response to lysosomal membrane damage by the autophagic-lysosomal pathway in human midbrain dopamine neurons. *Autophagy.* 2022 May;18(5):1020-1048. doi: 10.1080/15548627.2021.1967615. Epub 2021 Oct 6. PMID: 34612142.

-Hanbouch L, Schaack B, Kasri A, Fontaine G, Gkanatsiou E, Brinkmalm G, Camporesi E, Portelius E, Blennow K, Mourier G, Gilles N, Millan MJ, Marquer C, Zetterberg H, Boussicault L, Potier MC. Specific Mutations in the Cholesterol-Binding Site of APP Alter Its Processing and Favor the Production of Shorter, Less Toxic A β Peptides. *Mol Neurobiol.* 2022 Nov;59(11):7056-7073. doi: 10.1007/s12035-022-03025-9. Epub 2022 Sep 9. PMID:36076005

@ Joint

-Ben-Trad L, Matei CI, Sava MM, Filali S, Duclos ME, Berthier Y, Guichardant M, Bernoud-Hubac N, Maniti O, Landoulsi A, Blanchin MG, Miossec P, Granjon T, Trunfio-Sfarghiu AM. Synovial Extracellular Vesicles: Structure and Role in Synovial Fluid Tribological Performances. *Int J Mol Sci.* 2022 Oct 9;23(19):11998. doi:10.3390/ijms231911998. PMID: 36233300.

-Filali S, Darragi-Raies N, Ben-Trad L, Piednoir A, Hong SS, Pirot F, Landoulsi A, Girard-Egrot A, Granjon T, Maniti O, Miossec P, Trunfio-Sfarghiu AM. Morphological and Mechanical Characterization of Extracellular Vesicles and Parent Human Synoviocytes under Physiological and Inflammatory Conditions. *Int J Mol Sci.* 2022 Oct 30;23(21):13201. doi: 10.3390/ijms232113201. PMID: 36361990.

@ Microbiology

-Failor KC, Liu H, Llonet MEM, LeBlanc S, Eckshtain-Levi N, Sharma P, Reed A, Yang S, Tian L, Lefevre CT, Menguy N, Du L, Monteil CL, Vinatzer BA. Ice nucleation in a Gram-positive bacterium isolated from precipitation depends on a polyketide synthase and non-ribosomal peptide synthetase. *ISME J.* 2022 Mar;16(3):890-897. doi: 10.1038/s41396-021-01140-4. Epub 2021 Oct 23. Erratum in: *ISME J.* 2021 Dec 20;: PMID: 34689184.

-Jalalvand F, Su YC, Manat G, Chernobrovkin A, Kadari M, Jonsson S, Janousková M, Rutishauser D, Semsey S, Løbner-Olesen A, Sandblad L, Flårdh K, Mengin-Lecreux D, Zubarev RA, Riesbeck K. Protein domain-dependent vesiculation of Lipoprotein A, a protein that is important in cell wall synthesis and fitness of the human respiratory pathogen *Haemophilus influenzae*. *Front Cell Infect Microbiol.* 2022 Oct 7;12:984955. doi: 10.3389/fcimb.2022.984955. PMID: 36275016.

-Smith-Peavler ES, Patel R, Onumajuru AM, Bowring BG, Miller JL, Brunel JM, Djordjevic JT, Prabu MM, McClelland EE. *RTA1* Is Involved in Resistance to 7-Aminocholesterol and Secretion of Fungal Proteins in *Cryptococcus neoformans*. *Pathogens.* 2022 Oct 26;11(11):1239. doi: 10.3390/pathogens11111239. PMID:36364991.

@ Parasitology

-Alvarez CL, Chêne A, Semblat JP, Gamain B, Lapoumériou C, Fader CM, Hattab C, Sévigny J, Denis MFL, Lauri N, Ostuni MA, Schwarzbaum PJ. Homeostasis of extracellular ATP in uninfected RBCs from a *Plasmodium falciparum* culture and derived microparticles. *Biochim Biophys Acta Biomembr.* 2022 Oct 1;1864(10):183980. doi: 10.1016/j.bbmem.2022.183980. Epub 2022 May 30. PMID: 35654147.

@ Regenerative medicine

-Pezzana C, Cras A, Simelière F, Guesdon R, Desgres M, Correa BL, Peuffier A, Bellamy V, Gouarderes S, Alberdi A, Perier MC, Pidial L, Agnely F, Bochot A, Hagège A, Silvestre JS, Menasché P. Biomaterial-embedded extracellular vesicles improve recovery of the dysfunctional myocardium. *Biomaterials.* 2022 Nov 1;291:121877. doi:10.1016/j.biomaterials.2022.121877. Epub ahead of print. PMID: 36347132.

@ Reproduction

-Neyroud AS, Chiechio RM, Moulin G, Ducarre S, Heichette C, Dupont A, Budzynski M, Even-Hernandez P, Faro MJL, Yefimova M, Marchi V, Ravel C. Diversity of Extracellular Vesicles in Human Follicular Fluid: Morphological Analysis and Quantification. *Int J Mol Sci.* 2022 Oct 2;23(19):11676. doi: 10.3390/ijms231911676. PMID:36232981.

@ Technology

-Chiechio RM, Ducarre S, Marets C, Dupont A, Even-Hernandez P, Pinson X, Dutertre S, Artzner F, Musumeci P, Ravel C, Faro MJL, Marchi V. Encapsulation of Luminescent Gold Nanoclusters into Synthetic Vesicles. *Nanomaterials (Basel).* 2022 Nov 2;12(21):3875. doi: 10.3390/nano12213875. PMID: 36364651.

-Gaietta G, Kai F, Swift MF, Weaver VM, Volkmann N, Hanein D. Novel cryo-tomography workflow reveals nanometer-scale responses of epithelial cells to matrix stiffness and dimensionality. *Mol Biol Cell.* 2022 Oct 26;mbcE22030092. doi: 10.1091/mbc.E22-03-0092. Epub ahead of print. PMID: 36287913.

-Robert M, Laperrousaz B, Piedrahita D, Gautier EF, Nemkov T, Dupuy F, Nader E, Salnot V, Mayeux P, D'Alessandro A, Lavazec C, Joly P, Scheer A, Connes P, Cibiel A. Multiparametric characterization of red blood cell physiology after hypotonic dialysis based drug encapsulation process. *Acta Pharm Sin B.* 2022 Apr;12(4):2089-2102. doi: 10.1016/j.apsb.2021.10.018. Epub 2021 Oct 26. PMID: 35847505.

@ Viruses

-Berry F, Morin-Dewaele M, Majidipour A, Jamet T, Bartier S, Ignjatovic E, Toniutti D, Gaspar Lopes J, Soyeux-Porte P, Maillé P, Saldana C, Brillet R, Ahnou N, Softic L, Couturaud B, Huet É, Ahmed-Belkacem A, Fourati S, Louis B, Coste A, Béquignon É, de la Taille A, Destouches D, Vacherot F, Pawlotsky JM, Firlej V, Bruscella P. Proviral role of human respiratory epithelial cell-derived small extracellular vesicles in SARS-CoV-2 infection. *J Extracell Vesicles.* 2022 Oct;11(10):e12269. doi: 10.1002/jev2.12269. PMID: 36271885.

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

- Taku Nedachi, Christelle Bonod, Julie Rorteau, Wafae Chinoune, Yuri Ishiuchi, Sandrine Hughes, Benjamin Gillet, Dominique Sigaudou-Roussel, Jérôme Lamartine. Chronological aging impacts abundance, function and microRNA

content of extracellular vesicles produced by human epidermal keratinocytes. bioRxiv 2022.10.31.514487; doi: <https://doi.org/10.1101/2022.10.31.514487>

- Romain Sausset, Zuzana Krupova, Eric Guédon, Sandrine Peron, Alice Grangier, Marie-Agnès Petit, Luisa De Sordi, Marianne De Paepe. Comparison of interferometric light microscopy with nanoparticle tracking analysis for the study of extracellular vesicles and bacteriophages. doi: <https://doi.org/10.1101/2022.10.07.511248>

- Roberta Palmulli, Mickaël Couty, Melissa C. Piontek, Maharajah Ponnaiah, Florent Dingli, Frederik J. Verweij, Stéphanie Charrin, Matteo Tantucci, Sajitha Sasidharan, Eric Rubinstein, Anatol Kontush, Damaris Loew, Marie Lhomme, Wouter H. Roos, GraçaRaposo, Guillaume van Niel, CD63 regulates cholesterol storage within endosomes and its distribution via exosomes. https://assets.researchsquare.com/files/rs-2194192/v1_covered.pdf?c=1666899094

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