

● PUBLICATIONS

Original Research

Cytoplasmic forces functionally reorganize nuclear condensates in oocytes

Authors: [A. Al Jord*](#), G. Letort, S. Chanet, F-C.Tsai, C. Antoniewski, A. Eichmuller, C. Da Silva, J-R. Huynh, N.S. Gov, R. Voituriez, M-E. Terret, M-H. Verlhac (* **corresponding author**)

Preprint reference: Al Jord et al. *BiorXiv* 2021.03.15.434387v2; Citations: 2

Media Coverage in *Development* (www.thenode.biologists.com/march-in-preprints-5/highlights/)

Calibrated mitotic oscillator drives motile ciliogenesis

www.science.org/doi/10.1126/science.aan8311

Authors: [A. Al Jord](#), A. Shihavuddin, R. Servignat d'Aout, M. Faucourt, A. Genovesio, N. Spassky, A. Meunier* (* **corresponding author**)

Reference: Al Jord et al. *Science* 2017 Nov 10 358:803-806; Epub 2017 Oct 5; Citations: 52

Media Coverage in *Science* (www.science.org/doi/10.1126/science.aag0770); in *Developmental Cell* (www.sciencedirect.com/science/article/pii/S153458071730905X); in *Science Signalling* (www.science.org/content/10/505/eaar4559.full); in *La Recherche* (www.larecherche.fr/prix-la-recherche-2019-biologie-publications)

Centriole amplification by mother and daughter centrioles differs in multiciliated cells

www.nature.com/articles/nature13770

Authors: [A. Al Jord](#), Al. Lemaitre, N. Delgehr, M. Faucourt, N. Spassky*, A. Meunier* (* **co-corresponding author**)

Reference: Al Jord et al. *Nature* 2014 Dec 4 516:104-107; Epub 2014 Oct 12; Citations: 128

Media Coverage in *Sciences et Santé Magazine* n22 (www.inserm.fr/magazine/sciencesante-n22/); in *CNRS press release* (www.cnrs.fr/endirectdeslabos/lettre.php?numero=136)

Active fluctuations of the nuclear envelope shape transcriptional dynamics in oocytes

www.sciencedirect.com/science/article/pii/S1534580719307397

Authors: M. Almonacid, [A. Al Jord](#), S. El-Hayek, A. Othmani, F. Couplier, S. Lemoine, K. Miyamoto, R. Grosse, C. Klein, T. Piolot, P. Mailly, R. Voituriez, A. Genovesio*, M.H. Verlhac* (* **co-corresponding author**)

Reference: Almonacid et al. *Developmental Cell* 2019 Oct 9 pii: S1534-5807(19)30739-7; Citations: 28

Media Coverage in *Developmental Cell* (www.sciencedirect.com/science/article/pii/S1534580719308081)

Dynamics of centriole amplification in centrosome-depleted brain multiciliated progenitors

www.nature.com/articles/s41598-019-49416-2

Authors: O. Mercey, [A. Al Jord](#), P. Rostaing, A. Mahuzier, A. Boudjema, M. Faucourt, N. Spassky, A. Meunier* (* **corresponding author**)

Reference: Mercey et al. *Scientific Reports* 2019 Sept 10; 9:13060; Citations: 22

Centriole amplification in brain multiciliated cells: high resolution spatiotemporal dynamics & identification of regulatory mechanisms

PhD accessible on www.theses.fr/2016PA066706

Reference: [Adel Al Jord](#). Centriole amplification in brain multiciliated cells : high resolution spatiotemporal dynamics and identification of regulatory mechanisms. *Neurobiology*. Université Pierre et Marie Curie - Paris VI, 2016. English. {NT : 2016PA066706}. {tel-01875025}

Reviews & Other

Cover of « Biology of the Cell » journal (Volume 112; September to November 2020)

www.onlinelibrary.wiley.com/toc/1768322x/2020/112/9

Motile ciliogenesis and the mitotic prism

Review accessible on www.onlinelibrary.wiley.com/doi/abs/10.1111/boc.201800072

Authors: [A. Al Jord*](#), N. Spassky, A. Meunier* (* **co-corresponding author**)

Reference: Al Jord et al. *Biology of the Cell* 2019 Aug 111(8):199-212; Citations: 12

Two spindles for two genomes in a mammalian zygote

Dispatch on Reichmann et al. *Science* 2018 available on www.sciencedirect.com/science/article/pii/S0960982218309746

Authors: [A. Al Jord*](#), M.H. Verlhac (* **corresponding author**)

Reference: Al Jord and Verlhac. *Current Biology* 2018 Sep 10;28(17): R948-R951

Calibrate mitosis to differentiate

Comment accessible on www.researchgate.net/publication/320617098_Principles_of_Systems_Biology_No_22

Authors: [A. Al Jord](#), N. Spassky, A. Meunier

Reference: Al Jord et al. *Cell Systems* 2017 Oct 25;5(4):305-309.

Centriole amplification? #DaughterCentriole

Review in French accessible on www.medicinesciences.org/fr/articles/medsci/pdf/2015/03/medsci20153103p250.pdf

Authors: [A. Al Jord](#), N. Spassky*, A. Meunier* (* **co-corresponding author**)

Reference: Al Jord et al. *Medicine/Sciences* (Paris). 2015 Mar;31(3):250-3.