



Aurelie Di Cicco **EQUIPE IMAGERIE CELLULAIRE ET TISSULAIRE**
Assistant ingénieur - Electroniques - Bât. Curie
Tél : +33 (0)1 56 24 67 82

Publications clés

Année de publication : 2020

Aurélie Bertin , Nicola de Franceschi , Eugenio de la Mora , Sourav Maiti, Maryam Alqabandi, Nolwen Miguet, Aurélie di Cicco, Wouter H. Roos, Stéphanie Mangenot , Winfried Weissenhorn, Patricia Bassereau (2020 May 29)

Human ESCRT-III polymers assemble on positively curved membranes and induce helical membrane tube formation

Nature Communications : 11 : 2663 : [DOI : 10.1038/s41467-020-16368-5](https://doi.org/10.1038/s41467-020-16368-5)

Année de publication : 2019

Simon C*, Kusters R*, Caorsi V*, Allard A, Abou-Ghali M, Manzi J, Di Cicco A, Lévy D, Lenz M, Joanny J-F, Campillo C, Plastino J, Sens P*, Sykes C* (2019 Mar 18)

Actin dynamics drive cell-like membrane deformation

Nature Physics : [DOI : 10.1038/s41567-019-0464-1](https://doi.org/10.1038/s41567-019-0464-1)

Beber A, Taveneau C, Nania M, Tsai FC, Di Cicco A, Bassereau P, Lévy D, Cabral JT, Isambert H, Mangenot S*, Bertin A* (2019 Jan 24)

Membrane reshaping by micrometric curvature sensitive septin filaments

Nature communications : [DOI : 10.1038/s41467-019-08344-5](https://doi.org/10.1038/s41467-019-08344-5)

Année de publication : 2014

Guillaume van Niel, Ptissam Bergam, Aurelie Di Cicco, Ilse Hurbain, Alessandra Lo Cicero, Florent Dingli, Roberta Palmulli, Cecile Fort, Marie Claude Potier, Leon J Schurgers, Damarys Loew, Daniel Levy, Graça Raposo (2014 Nov 13)

Apolipoprotein E Regulates Amyloid Formation within Endosomes of Pigment

Cells.

Cell reports : 43-51 : [DOI : 10.1016/j.celrep.2015.08.057](https://doi.org/10.1016/j.celrep.2015.08.057)

Ayako Yamada, Alexandre Mamane, Jonathan Lee-Tin-Wah, Aurélie Di Cicco, Coline Prévost, Daniel Lévy, Jean-François Joanny, Evelyne Coudrier*, Patricia Bassereau* (2014 Apr 7)

Catch-bond behaviour facilitates membrane tubulation by non-processive myosin 1b.

Nature communications : 3624 : [DOI : 10.1038/ncomms4624](https://doi.org/10.1038/ncomms4624)

Année de publication : 2013

Manuela Dezi, Aurelie Di Cicco, Patricia Bassereau, Daniel Lévy (2013 Apr 15)

Detergent-mediated incorporation of transmembrane proteins in giant unilamellar vesicles with controlled physiological contents.

Proceedings of the National Academy of Sciences of the United States of America : 7276-81 : [DOI : 10.1073/pnas.1303857110](https://doi.org/10.1073/pnas.1303857110)