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2006-now Group Leader Team MMM Institut Curie UPMC

2012-Now Scientific Co-coordinator Cell and Tissues Imaging Center Institut Curie.

2005-now DR2 CNRS, Institut Curie UPMC, Paris, France

1992. Research Scientist CR2 CNRS, France

1990-1992 Postdoctoral Fellow, MPI, Martinsried, Germany. (Dir. D. Oesterhelt).

PhD thesis

Publications

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Publications clés

Année de publication : 2021

Vial Anthony, Taveneau Cyntia, Costa Luca , Chauvin Briec , Nasrallah Hussein , Godefroy Cédric, Dosset Patrice , Isambert Hervé , Ngo Kien Xuan, Mangenot Stéphanie , Levy Daniel , Bertin Aurélie* , Milhiet Pierre-Emmanuel * (2021 Jun 29)

Correlative AFM and fluorescence imaging demonstrate nanoscale membrane remodeling and ring-like and tubular structure formation by septins

Nanoscale : [DOI : 10.1039/D1NR01978C](https://doi.org/10.1039/D1NR01978C)

Eugenio de la Mora, Manuela Dezi, Aurélie Di Cicco, Joëlle Bigay, Romain Gautier, John Manzi, Joël Polidori, Daniel Castaño Díez, Bruno Mesmin, Bruno Antonny, Daniel Lévy. (2021 Jun 7)

Nanoscale architecture of a VAP-A-OSBP tethering complex at membrane contact sites

Nature Communications : [DOI : 10.1038/s41467-021-23799-1](https://doi.org/10.1038/s41467-021-23799-1)

Année de publication : 2019

Jamecna D, Polidori DJ, Mesmin B, Dezi M, Lévy D, Bigay J, Antonny B (2019 Mar 22)

An intrinsically disordered region in OSBP acts as an entropic barrier to control protein dynamics and orientation at membrane contact sites

Developmental cell * : * highlighted Trend in Cell Biology 2019 : [DOI :](https://doi.org/10.1016/j.devcel.2019.02.021)

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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 : 2017

P Guichard, V Hamel, M Le Guennec, N Banterle, I Iacovache, V Nemčiková, I Flückiger, K N Goldie, H Stahlberg, D Lévy, B Zuber, P Gönczy (2017 Mar 24)

Cell-free reconstitution reveals centriole cartwheel assembly mechanisms.

Nature communications : 14813 : [DOI : 10.1038/ncomms14813](https://doi.org/10.1038/ncomms14813)

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

Pierre Frederic Fribourg, Mohamed Chami, Carlos Oscar S Sorzano, Francesca Gubellini, Roberto Marabini, Sergio Marco, Jean-Michel Jault, Daniel Lévy (2013 Aug 7)

3D cryo-electron reconstruction of BmrA, a bacterial multidrug ABC transporter in an inward-facing conformation and in a lipidic environment.

Journal of molecular biology : 2059-69 : [DOI : 10.1016/j.jmb.2014.03.002](https://doi.org/10.1016/j.jmb.2014.03.002)

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)

Année de publication : 2010

Nicolas Manel, Brandon Hogstad, Yaming Wang, David E Levy, Derya Unutmaz, Dan R Littman (2010 May 27)

A cryptic sensor for HIV-1 activates antiviral innate immunity in dendritic cells.

Nature : 214-7 : [DOI : 10.1038/nature09337](https://doi.org/10.1038/nature09337)