



Jacques Camonis Directeur de recherche émérite
EQUIPE BIOPHENICS
jacques.camonis@curie.fr Tél : +33 1 56 24 66 54

[CV_Jacques Camonis](#)

Publications clés

Année de publication : 2014

Reffay M, Parrini MC, Cochet-Escartin O, Ladoux B, Buguin A, Coscoy S, Amblard F, Camonis J, Silberzan P (2014 Apr 16)

Interplay of RhoA and mechanical forces in collective cell migration driven by leader cells

*Nat Cell Biol*16(4):382 : [DOI : 10.1038/ncb2917](https://doi.org/10.1038/ncb2917)

Année de publication : 2013

Sardar Faisal Mahmood, Nadège Gruel, Elodie Chapeaublanc, Aurianne Lescure, Thouis Jones, Fabien Reyat, Anne Vincent-Salomon, Virginie Raynal, Gaëlle Pierron, Franck Perez, Jacques Camonis, Elaine Del Nery, Olivier Delattre, François Radvanyi, Isabelle Bernard-Pierrot (2013 Oct 22)

A siRNA screen identifies RAD21, EIF3H, CHRAC1 and TANC2 as driver genes within the 8q23, 8q24.3 and 17q23 amplicons in breast cancer with effects on cell growth, survival and transformation.

Carcinogenesis : 670-82 : [DOI : 10.1093/carcin/bgt351](https://doi.org/10.1093/carcin/bgt351)

Année de publication : 2012

Param Priya Singh, Séverine Affeldt, Ilaria Cascone, Rasim Selimoglu, Jacques Camonis, Hervé Isambert (2012 Apr 12)

On the expansion of « dangerous » gene repertoires by whole-genome duplications in early vertebrates.

Cell reports : 1387-98 : [DOI : 10.1016/j.celrep.2012.09.034](https://doi.org/10.1016/j.celrep.2012.09.034)

Année de publication : 2010

Maria Carla Parrini, Amel Sadou-Dubourgnoux, Kazuhiro Aoki, Katsuyuki Kunida, Marco Biondini, Anastassia Hatzoglou, Patrick Pouillet, Etienne Formstecher, Charles Yeaman, Michiyuki Matsuda, Carine Rossé, Jacques Camonis (2010 May 14)

SH3BP1, an exocyst-associated RhoGAP, inactivates Rac1 at the front to drive cell motility.

Molecular cell : 650-61 : [DOI : 10.1016/j.molcel.2011.03.032](https://doi.org/10.1016/j.molcel.2011.03.032)

Année de publication : 2009

Carine Rosse, Etienne Formstecher, Katrina Boeckeler, Yingming Zhao, Joachim Kremerskothen, Michael D White, Jacques H Camonis, Peter J Parker (2009 May 22)

An aPKC-exocyst complex controls paxillin phosphorylation and migration through localised JNK1 activation.

PLoS biology : e1000235 : [DOI : 10.1371/journal.pbio.1000235](https://doi.org/10.1371/journal.pbio.1000235)

Année de publication : 2008

Ilaria Cascone, Rasim Selimoglu, Cafer Ozdemir, Elaine Del Nery, Charles Yeaman, Michael White, Jacques Camonis (2008 Feb 3)

Distinct roles of RalA and RalB in the progression of cytokinesis are supported by distinct RalGEFs.

The EMBO journal : 2375-87 : [DOI : 10.1038/emboj.2008.166](https://doi.org/10.1038/emboj.2008.166)

Année de publication : 2006

Maria Balakireva, Carine Rossé, Johanna Langevin, Yu-chen Chien, Michel Gho, Geneviève Gonzy-Treboul, Stéphanie Voegeling-Lemaire, Sandra Aresta, Jean-Antoine Lepsant, Yohanns Bellaiche, Michael White, Jacques Camonis (2006 Sep 25)

The Ral/exocyst effector complex counters c-Jun N-terminal kinase-dependent apoptosis in *Drosophila melanogaster*.

Molecular and cellular biology : 8953-63