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## Key publications

### Year of publication 2014

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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)

### Year of publication 2013

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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)

### Year of publication 2012

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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)

**Year of publication 2010**

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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)

**Year of publication 2009**

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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)

**Year of publication 2008**

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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)

**Year of publication 2006**

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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