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Publications clés

Année de publication : 2020

Racha Chouaib, Adham Safieddine, Xavier Pichon, Arthur Imbert, Oh Sung Kwon, Aubin Samacoits, Abdel-Meneem Traboulsi, Marie-Cécile Robert, Nikolay Tsanov, Emeline Coleno, Ina Poser, Christophe Zimmer, Anthony Hyman, Hervé Le Hir, Kazem Zibara, Marion Peter, Florian Mueller, Thomas Walter, Edouard Bertrand (2020 Aug 14)

A Dual Protein-mRNA Localization Screen Reveals Compartmentalized Translation and Widespread Co-translational RNA Targeting.

Developmental cell : 773-791.e5 : [DOI : S1534-5807\(20\)30584-0](https://doi.org/10.1016/j.devcel.2020.08.014)

Année de publication : 2019

Mélanie Durand, Thomas Walter, Tiphène Pirnay, Thomas Naessens, Paul Gueguen, Christel Goudot, Sonia Lameiras, Qing Chang, Nafiseh Talaei, Olga Ornatsky, Tatiana Vassilevskaia, Sylvain Baulande, Sebastian Amigorena, Elodie Segura (2019 May 11)

Human lymphoid organ cDC2 and macrophages play complementary roles in T follicular helper responses.

The Journal of experimental medicine : [DOI : jem.20181994](https://doi.org/10.1083/jem.20181994)

Peter Naylor, Marick Lae, Fabien Reyat, Thomas Walter (2019 Feb 5)

Segmentation of Nuclei in Histopathology Images by Deep Regression of the Distance Map.

IEEE Transactions on Medical Imaging : 448-459 : [DOI : 10.1109/TMI.2018.2865709](https://doi.org/10.1109/TMI.2018.2865709)

Année de publication : 2018



Membres de l'équipe

Apprentissage statistique et modélisation des systèmes biologiques

Aubin Samacoits, Racha Chouaib, Adham Safieddine, Abdel-Meneem Traboulsi, Wei Ouyang, Christophe Zimmer, Marion Peter, Edouard Bertrand, Thomas Walter, Florian Mueller (2018 Nov 4)

A computational framework to study sub-cellular RNA localization.

Nature Communications : 4584 : [DOI : 10.1038/s41467-018-06868-w](https://doi.org/10.1038/s41467-018-06868-w)