

Hadrien Mary

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28/04/1987 (29 years)

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PROFESSIONAL EXPERIENCE

- ✘ 2016 : Postdoctoral researcher under the supervision of Gary Brouhard. My work focus on the understanding of **the dynamic of microtubule nucleation from centrosome**.
- ✘ 2012 – 2015 : my PhD project focused on the understanding of **chromosome dynamics during mitosis** in fission yeast.
 - Real time fluorescent video microscopy
 - Mitosis mechanical modeling
 - High-throughput image analysis
 - Mary, H., Fouchard, J., Gay, G., Reyes, C., Gauthier, T., Gruget, C., Pecreaux, J., Tournier, S. and Gachet, Y. (2015). **Fission yeast kinesin-8 controls chromosome congression independently of oscillations**. J. Cell Sci. 128, 3720–3730.
- ✘ 2011 : Six month internship at IMB (The Institute for Molecular Bioscience), University of Queensland, Brisbane, Australia, under the supervision of Nick Hamilton
 - High-throughput image segmentation and statistic analysis
 - Mammalian kidney branching morphogenesis modeling

EDUCATION

- ✘ 2012 - 2015: **PhD student in Biology**, LBCMCP (CNRS UMR5088) in Tournier-Gachet team, *University of Toulouse – France*
- ✘ 2009 - 2011 : **Master degree in Bioinformatics**, *University of Bordeaux - France*
- ✘ 2009 : **Bachelor's degree in Biology of Organisms**, *University of Bordeaux - France*
- ✘ 2008 : **Erasmus** – European Union student exchange program. High school of biology, *University of Complutense, Madrid - Spain*
- ✘ 2005 : Higher National Diploma, *Basque country – France*

LANGUAGES

- ✘ french : native language
- ✘ spanish : fluent (one year in Madrid - Spain in 2007)

- ✘ english : fluent (six month in Brisbane - Australia in 2011)

REFERENCES

- ✘ **Sylvie Tournier / Yannick gachet**

- LBCMCP - CNRS UMR5088, University of Toulouse – France
- mail : sylvie.tournier-gachet@univ-tlse3.fr

- ✘ **Nick Hamilton**

- IMB - The Institute for Molecular Bioscience, Brisbane, Australia
- mail : n.hamilton@imb.uq.edu.au
- website : <http://www.imb.uq.edu.au/index.html?page=91481&pid=91492>

PUBLICATIONS

- ✘ Mary, H., Fouchard, J., Gay, G., Reyes, C., Gauthier, T., Gruget, C., Pecreaux, J., Tournier, S. and Gachet, Y. (2015). **Fission yeast kinesin-8 controls chromosome congression independently of oscillations**. J. Cell Sci. 128, 3720–3730. ([online](#))

CONFERENCES

- ✘ ASCB Meeting - 2014 - Philadelphie

- Poster : "Fission yeast Kinesin-8 controls chromosome alignment by containing sister chromosome oscillations and providing a length dependent pulling force"

- ✘ FRBT Meeting - 2014 - Toulouse

- Talk : "Fission yeast Kinesin-8 controls chromosome alignment by containing sister chromosome oscillations and providing a length dependent pulling force"

- ✘ Conférence Jacques Monod - "Le cycle cellulaire : vers une biologie intégrative de la division cellulaire" - 2014 - Roscoff

- Poster : "Fission yeast Kinesin-8 controls chromosome alignment by containing sister chromosome oscillations and providing a length dependent pulling force"

- ✘ Berder-Porquerolles - 2014 - Evènements rares en Biologie

- Talk : "Analyse et modélisation de la dynamique des chromosomes en mitose chez la levure à fission"

- ✘ Rencontres RITC - 2013

- Poster : "Analysis and modeling of chromosome dynamics during mitosis in fission yeast"

- ✘ JOBIM - Journées Ouvertes en Biologie, Informatique et Mathématiques - 2013 - Toulouse

- Poster : "Analysis and modeling of chromosome dynamics during mitosis in fission yeast"

VARIOUS

- ✘ Scuba diving rescue diver certified
- ✘ Surfing, biking and skiing
- ✘ Game of go, chess, poker