

# Hadrien Mary

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28/04/1987 (27 years)

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## Education

- Since 2012 : **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*

## Professional experience

- Since 2012, my work focus on the understanding of chromosome dynamics during mitosis in fission yeast.
  - Real time fluorescent video microscopy
  - Mitosis mechanical modeling
  - High-throughput image analysis (Mary and Gay, 2014)
  - Fission yeast Kinesin-8 controls chromosome alignment by containing sister chromosome oscillations and providing a length dependent pulling force, submitted (Mary et al., 2014)
- 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

## 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](mailto:sylvie.tournier-gachet@univ-tlse3.fr)
- **Nick Hamilton**
  - IMB - The Institute for Molecular Bioscience, *Brisbane, Australia*
  - mail : [n.hamilton@imb.uq.edu.au](mailto:n.hamilton@imb.uq.edu.au)
  - website : <http://www.imb.uq.edu.au/index.html?page=91481&pid=91492>

## Various

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

## Publications

Mary, H., J. Fouchard, G. Gay, C. Reyes, T. Gauthier, C. Gruget, Y. Gachet, and S. Tournier. 2014. Fission yeast Kinesin-8 controls chromosome alignment by containing sister chromosome oscillations and providing a length dependent pulling force.

Mary, H., and G. Gay. 2014. Scikit-Tracker : objects detection and robust tracking for cell biology. doi:10.5281/zenodo.10078.