

Hadrien Mary

62 rue de la Colomchette
31000 Toulouse
28/04/1987 (28 years)

Phone : +33 6 25 30 33 27

Email : hadrien.mary@gmail.com



PROFESSIONAL EXPERIENCE

- x 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, H. et al. 2014. A length-dependent pulling force mimics the effect of Kinesin-8 on chromosome alignment and segregation in fission yeast. (in revision to JCS)
- x 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

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

LANGUAGES

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

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**