

# Hanh Nguyen

Address : 24 Avenue des Cottages, Bourg-la-reine 92340, France

Tel : +33 6 49 34 44 04

Email: [hanh.nguyen@cnr.fr](mailto:hanh.nguyen@cnr.fr)



## Education

### **2017 - now PhD Candidate**

CNRS USR3695 BioEmergences / Université Paris-Saclay (ED568), France

Supervisors: Dr. Nadine Peyri ras and Dr. Elena Kardash

Thesis: "The role of Fgf signaling in the formation of pectoral fins in zebrafish"

### **2014 - 2016 MSc in Biology**

Department of Biology, McGill University, Canada

Supervisor: Dr. Monique Zetka

Thesis: "Characterization of *ztp-2*, a member of a RING-finger protein family required for crossover formation in *C. elegans*"

### **2010 - 2014 BSc in Biology**

Department of Biology, McGill University, Canada

## Publications

1. **Nguyen H**, Labella S, Silva N, Jantsch V, Zetka M (2018) *C. elegans* ZHP-4 is required at multiple distinct steps in the formation of crossovers and their transition to segregation competent chiasmata. PLoS Genet 14(10): e1007776.  
<https://doi.org/10.1371/journal.pgen.1007776>
2. **Nguyen H**, Peyri ras N and Kardash E. 3D+time imaging and image reconstruction of pectoral fin during zebrafish embryogenesis. Computer Optimized Microscopy: Methods and Protocols. Methods in Molecular Biology. Springer. (*In Press*).

## Scholarships and Awards

2017 – 2020 Marie Skłodowska-Curie European Training Network ImageInLife

2014 – 2016 Funding from Canadian Institution of Health Research (CIHR)

2015 – 2016 McGill International Research Master’s Awards – Biology

2014 – 2015 Graduate Excellence Award in Biology

## **Conference participation**

### **Presented talks and Workshops:**

- October 2018** “Quantitative analysis of zebrafish pectoral fin early growth and shape changes”  
*MiFoBio (Functional Microscopy in Biology) Conference, Seignosse, France*
- June 2016** “Codependent Recruitment of ZHP-3 and Its Paralogs ZTP-2 During Crossover Formation in *C. elegans*”  
*Gordon Research Seminar Meiosis, New London, NH, USA*
- April 2016** “Codependent Recruitment of ZHP-3 and Its Paralogs ZTP-2 During Crossover Formation in *C. elegans*”  
*Montreal Worm Meeting, McGill University, Montreal, Canada*
- April 2015** “The Role of ZTP-2 in Crossover Formation in *C. elegans*”  
*Montreal Worm Meeting, McGill University, Montreal, Canada*

### **Posters:**

- December 2018** “The role of Fgf signaling in early pectoral fin formation in zebrafish”  
*From Images to Knowledge with ImageJ & Friends, EMBL Heidelberg, Germany*
- October 2018** “The role of Fgf signaling in early pectoral fin formation in zebrafish”  
*MiFoBio (Functional Microscopy in Biology) Conference, Seignosse, France*
- August 2016** “Codependent Recruitment of ZHP-3 and Its Paralogs ZTP-2 During Crossover Formation in *C. elegans*” (first prize)  
*McGill Biology Student Symposium, McGill University, Montreal, Canada*
- June 2016** “Codependent Recruitment of ZHP-3 and Its Paralogs ZTP-2 During Crossover Formation in *C. elegans*”  
*Gordon Research Conference Meiosis, New London, NH, USA*

**Languages:** Vietnamese (native), English (full professional proficiency), French (basic)

## **Computer skills**

- Microsoft Office: Word, Excel, Powerpoint
- Graphical software: Adobe Photoshop, Adobe Illustrator
- Image processing: ImageJ