

MARIA POMMERET

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EXPERIENCE

PhD in bioinformatics

ABIES

Oct. 2017 – Ongoing Paris, France

Study of phenotypical impact of genetic variants that modify RNAs secondary structure in bovine: algorithmic methodology and experimental validation.

Advisors:

Dominique Rocha GABI – INRA – https://www6.jouy.inra.fr/gabi_eng/

Yann Ponty AMIBIO – INRIA – <https://www.inria.fr/en/teams/amibio>

Bioinformatician

INRIA

Jan 2017 – Jan 2017 Palaiseau, France

Trainee in Bioinformatics

Laboratoire de Recherche en Informatique (LRI) – INRIA

Jul 2016 – Aug 2016 Orsay, France

Kinetics of RNAs in the context of -1 frameshift

Trainee in Bioinformatics

Laboratoire d'Informatique de Polytechnique (LIX) – Department of Mathematics (Simon Fraser University)

Mar 2015 – Aug 2015 Palaiseau, France – Vancouver, Canada

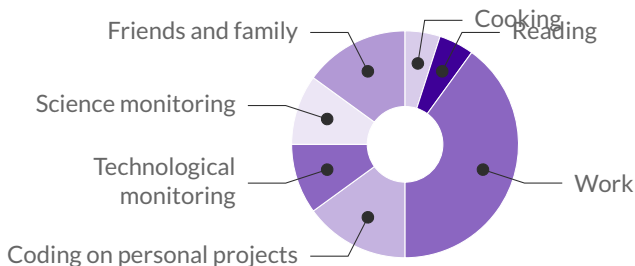
Non-ambiguous tree alignment for homology and common patterns detection in 3D structure of RNAs.

Trainee in Bioinformatics

Laboratoire de Biologie et de Pharmacologie Appliquée (LBPA)

Mar 2013 – Aug 2013 Cachan, France

A DAY OF MY LIFE



COMPUTER SKILLS

Python Django R Perl Bash

Java C C++ Scala

PostgreSQL MySQL

VARNA Blast GAPC Clustal

LocaRNA RNAalifold

Git L^AT_EX GPG Systemd nginx

ferm Icinga

LANGUAGES

French

English

Arabic



EDUCATION

PhD in Bioinformatics

ABIES doctoral school

Oct 2017 – Ongoing

Study of phenotypical impact of genetic variants that modify RNAs secondary structure in bovine: algorithmic methodology and experimental validation.

Auditor in Bachelor's Degree in Computer Science

ENS Cachan

Sep 2015 – Aug 2016

Databases, Logics, Object-Oriented Programming, Algorithmics

Master's Degree in Bioinformatics and Biostatistics

Université Paris Sud

Sept 2013 – Aug 2015

Programming. Theoretical and practical databases. Algebra. Calculus. Systems and network modeling. Non-linear dynamic systems. Sequences analysis. Algorithmics. Machine Learning. Optimization.

Bachelor's Degree in Biology, Health

ENS Cachan

Sept 2011 – Aug 2013