

Olivier M. F. MARTIN

Doctor of Pharmacy (Pharm.D.)
Bioinformatics and Systems Biology Student

WEBSITE: olivmrtn.github.io EMAIL: olivmrtn@gmail.com
GITHUB: github.com/olivmrtn LINKEDIN: linkedin.com/in/olivmrtn

EXPERIENCE

AUG. 2016 - JAN. 2017 5 MONTHS	Netherlands Cancer Institute - Amsterdam, the Netherlands Computational Cancer Biology Project: Prediction of irinotecan toxicity using germline next-generation sequencing data Whole genome association analysis and machine learning Supervised by Daniel Vis
SEP. 2014 - MAR. 2015 6 MONTHS	Hospital Pharmacy Internship - Hospices Civils de Lyon - Lyon, France Antoine Charial and Pierre Garraud Geriatric Hospitals (UMR CNRS 5558) Development of zebu , an R package for local association measures Risk factor analysis of metformin intoxication Wrote R code for analysis of pharmacokinetic simulations Supervised by Michel Ducher
SEP. 2013 - JUL. 2014 9 MONTHS	Master 2 Internship - Institute of Biology and Chemistry of Proteins - Lyon, France Bioinformatics: Structures and Interactions (UMR CNRS 5086) Project: Implication of termini in protein-protein interactions Analysis of biological databases (PDB, IntAct) using Python and R Supervised by Juliette Martin
JUN. - JUL. 2012 2 MONTHS	Master 1 Internship - University Health Network - Toronto, Canada Kotra Research Group Project: Synthesis of Falcipain inhibitors (potential antimalarial drugs) Supervised by Sai Kumar Chaka
2011-2013 4 SEMESTERS	Student Tutor - University of Auvergne - Clermont-Ferrand, France Association du Tutorat de la PACES Clermontoise Chemistry and pharmacology tutoring for first-year medical and pharmacy students.

EDUCATION

University of Amsterdam and VU University - Amsterdam, The Netherlands	
2015-2017	MSc Bioinformatics and Systems Biology
Claude Bernard University - Lyon, France	
2013-2015	5 th and 6 th year of Pharmacy, Research Specialisation
2013-2014	Master 2 nd year: Structural and Functional Biochemistry
University of Auvergne - Clermont-Ferrand, France	
2012-2013	Master 1 st year: Pharmaceutical Sciences
2009-2013	1 st to 4 th year of Pharmacy

PUBLICATIONS

Martin OMF, Etcheve L, Launay G, Martin J. Implication of Terminal Residues at Protein-Protein and Protein-DNA Interfaces. PLoS One. 2016 Sep 9;11(9).

Cazaubon Y, Bourguignon L, Goutelle S, Martin O, Maire P, Ducher M. Are ciprofloxacin dosage regimens adequate for antimicrobial efficacy and prevention of resistance? Pseudomonas aeruginosa bloodstream infection in elderly patients as a simulation case study. Fundam Clin Pharmacol. 2015 Dec;29(6):615-24.

PROGRAMMING

Main Languages	R, Python, Bash, \LaTeX /Markdown, Git
Secondary Languages	Mathematica, MATLAB, HTML/CSS/Javascript/SQL

LANGUAGES

French, Portuguese	Maternal Languages
English	Fluent; TOEFL iBT: 110 / 120
Dutch, Spanish	Intermediate Knowledge
German, Esperanto	Elementary Knowledge