

Olivier M. F. MARTIN

Doctor of Pharmacy (Pharm.D.)

Bioinformatics and Systems Biology Student

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EXPERIENCE

AUG. 2016 - JAN. 2017 5 MONTHS	Internship - 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	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	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	Internship - University Health Network - Toronto, Canada Kotra Research Group Project: Synthesis of a 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 5th and 6th year of Pharmacy, Research Specialisation

2013-2014 Master 2nd year: Structural and Functional Biochemistry

[University of Auvergne](#) - Clermont-Ferrand, France

2012-2013 Master 1st year: Pharmaceutical Sciences

2009-2013 1st to 4th year of Pharmacy

PUBLICATIONS

Martin OMF, Etheve 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, HTML/CSS/Javascript, SQL

LANGUAGES

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