

# Olivier M. F. MARTIN

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

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## EXPERIENCE

FEB. 2017 - JUL. 2017 5 MONTHS	Internship - <a href="#">Vrije Universiteit</a> - Amsterdam, the Netherlands <a href="#">Systems Bioinformatics Group</a> Kinetic modeling of the switch to fermentative metabolism in <i>Schistosoma mansoni</i> Supervised by <a href="#">Jurgen Haanstra</a>
AUG. 2016 - JAN. 2017 5 MONTHS	Internship - <a href="#">Netherlands Cancer Institute</a> - Amsterdam, the Netherlands <a href="#">Computational Cancer Biology Group</a> Prediction of irinotecan adverse-events using next-generation sequencing and machine learning Supervised by <a href="#">Daniel Vis</a>
SEP. 2014 - MAR. 2015 6 MONTHS	Internship - <a href="#">Hospices Civils de Lyon</a> - Lyon, France Antoine Charial and Pierre Garraud Geriatric Hospitals (UMR CNRS 5558) Development of <a href="#">zebu</a> , R package for local association measures Supervised by <a href="#">Michel Ducher</a>
SEP. 2013 - JUL. 2014 9 MONTHS	Internship - <a href="#">Institute of Biology and Chemistry of Proteins</a> - Lyon, France <a href="#">Bioinformatics: Structures and Interactions (UMR CNRS 5086)</a> Implication of termini in protein-protein interactions Supervised by <a href="#">Juliette Martin</a>
JUN. - JUL. 2012 2 MONTHS	Internship - <a href="#">University Health Network</a> - Toronto, Canada <a href="#">Kotra Research Group</a> Synthesis of a falcipain inhibitors (potential antimalarial drug) Supervised by <a href="#">Sai Kumar Chaka</a>
2011-2013 4 SEMESTERS	Student Tutor - <a href="#">University of Auvergne</a> - Clermont-Ferrand, France <a href="#">Association du Tutorat de la PACES Clermontoise</a> Chemistry and pharmacology tutoring for first-year medical and pharmacy students

## EDUCATION

<a href="#">University of Amsterdam</a> and <a href="#">VU University</a> - Amsterdam, The Netherlands	
2015-2017	<a href="#">MSc Bioinformatics and Systems Biology</a>
<a href="#">Claude Bernard University</a> - Lyon, France	
2013-2015	5 <sup>th</sup> and 6 <sup>th</sup> year of Pharmacy, Research Specialisation
2013-2014	Master 2 <sup>nd</sup> year: Structural and Functional Biochemistry
<a href="#">University of Auvergne</a> - Clermont-Ferrand, France	
2012-2013	Master 1 <sup>st</sup> year: Pharmaceutical Sciences
2009-2013	1 <sup>st</sup> to 4 <sup>th</sup> 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, Shell script, $\text{\LaTeX}$ /Markdown, Git
Secondary Languages	Mathematica, HTML/CSS/Javascript

## LANGUAGES

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