



Thibault Tubiana

Bâtiment E4 résidence du chemin vert – 95330 Domont, France

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Education

Master of Bioinformatic

Université Paris 7 - Diderot

2012-2014

Paris (France)

- structural bioinformatics (modeling and molecular dynamics, docking, drug design)
- Genomics bioinformatics and functional genomics
- Systematic integrative bioinformatics and proteomics
- Data analysis, training data
- Advanced programming, advanced algorithmic

Bachelor of Bioinformatic

Université Paris 7 - Diderot

2009-2012

Paris (France)

- Structure and integration of macromolecules
- Genetics and molecular biology
- Programming and algorithmic
- Database
- Biological statistics

Lycée Georges Sand

High school - Option Biology - with honors (fairly well)

2005-2009

Domont (France)

Experience

Master's internship (2nd year)

Laboratoire de Biochimie Théorique (under the direction of Dr. Marc Baaden)

January –July 2014

Paris (France)

- Development of new standardized visualizations for polysaccharide for a molecular visualization software based on a 3D game engine (Unity) : UnityMol

Researcher assistant

Computational Biology Unit (under the direction of Pr. Nathalie Reuter)

June –July 2013

Bergen (Norway)

- Study of the existence of "aromatic cages" on a peripheral proteins dataset, allowing the binding between the protein and a phosphatidylcholine on a cellular membrane.

Master's internship (1st year)

Computational Biology Unit (under the direction of Pr. Nathalie Reuter)

March –Mai 2013

Bergen (Norway)

- Study of amino acids distribution in peripheral and transmembrane proteins.

Summer internship

MTI (Molécules Thérapeutiques In Silico)

July –August 2012

Paris (France)

- Development of a cooperative platform of serious gaming for university undergraduates

Research discovery intership

Unité postulante de pathogénèse de Helicobacter, Institut Pasteur

1 week –April 2010

Paris (France)

- Enzyme assay of the amount of ammonia produced by *H. pylori* living, wild-type and mutant, depending to the substrate which is provided

Prices

Skinner prize - Faraday Discussion 169

Best Student poster at the Faraday Discussion 169

Nottingham (England)

2014

Seminars and conferences

XIV Congresso Scuola Chimica Carboidrati (XIV CSCC 2014)

Sweet UnityMol: From Computer Game to Molecular Graphics for Glycosciences

Pontignano, Sienna (Italia)

2014

Poster presentation by a third party

Faraday Discussion 169

Sweet UnityMol, molecular graphics for Glycoscience

Nottingham (England)

2014

Poster presentation

Dynamo Symposium - Evolution, Biogenesis and membranes dynamics

Paris (France)

2014

Computer Skills

Computer Languages

Adept : C, Python, R

Good knowledge : Java, C++, C#, Bash, LaTeX

Notions : HTML, JavaScript

Softwares

Good knowledge : Modeller, Pymol, VMD, Unity3D, Microsoft Office, Open Office, Gromacs

notions : AutoDockTools, PostgreSQL

Operating systems

Good knowledge : Linux, Mac, Windows

Language

English : fluent

German : scholar level

Personal Interests

New technologies

Piano (for 10 years)

Sport (cardio)

Referees

Pr. Nathalie Reuter

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CBU

Bergen (Norway)

Dr. Marc Baaden

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LBT

Paris (France)

Dr. Serge Perez

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CERMAV

Grenoble (France)

Pr. Catherine Etchebest

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DSIMB

Paris (France)