

JÉRÔME HERT

F. Hoffmann-La Roche
4070 Basel

SKILLS

- Proficient in drug discovery, ligand- and structure-based virtual screening, similarity searching, analysis of high throughput screening data, machine learning algorithms
- Fluent in C, Perl, HTML and LATEX; conversant in Ruby, Java and Python
- Fluent in French and English; conversant in German

RESEARCH EXPERIENCE

F. Hoffmann-La Roche

Research scientist

Contributing chemoinformatics, computational chemistry and molecular modeling expertise to drug discovery projects

Basel, Switzerland

March 2009–Present

Louis Pasteur University (Dr. Didier Rognan)

Post Doctoral Fellow

Relating proteins through the statistical similarity of their ligands

Strasbourg, France

September 2008–February 2009

University of California, San Francisco (Professor Brian K. Shoichet)

Post Doctoral Fellow

Relating proteins through the statistical similarity of their ligands

San Francisco, USA

February 2006–August 2008

University of Sheffield (Professor Peter Willett)

Graduate Student in the Computational Informatics Research Group

In collaboration with the Novartis Institutes for Biomedical Research (Dr. Edgar Jacoby)

Two-dimensional similarity methods for virtual screening

Sheffield, U.K.

December 2002–December 2005

Novartis Institutes for Biomedical Research (Dr. Jürg Zimmermann)

Intern in the Combinatorial Chemistry Unit

Evaluation and analysis of high throughput screening data

Basel, Switzerland

May–September 2002

Leiden University (Professor Jacques H. van Boom)

Intern in the Bio-organic Synthesis Group

Research on the organic synthesis of carbohydrates using Cross Metathesis

Leiden, Netherlands

March–July 2001

EDUCATION

University of Sheffield

PhD in Chemoinformatics

Sheffield, U.K.

January 2006

Louis Pasteur University

MSc in Chemoinformatics with Honors

BSc in Chemistry with Honors

Strasbourg, France

September 2002

June 2000

AWARDS

- Marie Curie Outgoing International Fellowship May 2007–April 2009
- CINF-IO Informatics Scholarship for scientific excellence August 2005