

Anaëlle DUMAS

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Swiss citizen

Born in 1984



- Ph. D. student in the organic chemistry institute of the University of Zürich
- Graduated chemist from the EPFL, specialized in organic and medicinal chemistry

EDUCATION

- Ph. D. work involving the fluorescent detection of DNA folding in Nathan Luedtke's group, University of Zürich 2007-
- Master of Science in Molecular and Biological Chemistry at the Swiss Federal Institute of Technology Lausanne, Switzerland (EPFL) 2005-2007
- Erasmus Exchange, 11 months at Kungliga Tekniska Högskolan (KTH), Stockholm, Sweden. Obtaining Bachelor grade. 2004-2005
- First cycle of Chemistry and Chemical Engineering, EPFL 2002-2004
- Maturité Fédérale in Biology and Chemistry 2002

EXPERIENCE

- **Merck Serono**, Master thesis and trainingship in the Research Institute, Geneva in Organic Synthesis in the Medicinal Chemistry Department, supervision of Prof. Pierre Vogel (EPFL). Synthesis of biologically active 1,2-Benzisoxazoles and 1,2,4-Oxadiazoles derivatives. Determination of the related SAR on a GPCR target (6 months). Writing of the Master Thesis. 2006-2007
- **Laboratory of Supramolecular Chemistry**, Prof. Kay Severin, EPFL: Semester project, development of an indicator displacement assay for the fluorescence detection of peptides using rhodium metal complexes. 2006
- **Laboratory of Protein Engineering**, Prof. Kai Johnsson, EPFL: Trainingship, development and optimization of a new method to detect the protein-protein interactions within the cell (2 months) 2005
- **Laboratory of Regenerative Medicine and Pharmacobiology**, Prof. Jeffrey Hubbell, EPFL : Semester project, optimisation of a new method involving fibrin gels for wound healing. 2005

AWARDS

Prix Syngenta Monthey rewarding the Chemistry Student of the EPFL obtaining the best average for the Master Cycle, Lausanne, 2007

LANGUAGES

- **French** : mother tongue
- **English** : good knowledge - diploma of language APIEL
- **German** : fair knowledge, high school level
- **Swedish** : basic knowledge

REFERENCES

Dr. Agnès Bombrun (Merck Serono) E-mail : agnes.bombrun@merckserono.net

Prof. Kai Johnsson (EPFL) E-mail : kai.johnsson@epfl.ch

Prof. Kay Severin (EPFL) E-mail : kay.severin@epfl.ch