

Charlotte FLAHOU

Master 2 Biohealth Computing Erasmus Mundus, Molecular Biotechnology

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Home adress: 7 Lotissement La Vanoise 73220 RANDENS, FRANCE

Study adress: Caballero 12-14 esc B BXOS 1a 08014 BARCELONA (ESPANA) (September to December)

Date of birth: 09 April 1992 | Nationality: French



Education

2015-2016: **Second year Master's degree: BioHealth Computing Erasmus Mundus**

Summer School in the BioPark-Archamps-Genève Technopole

Universitat de Barcelona (Spain), Università degli studi di Torino (Italy)

Nano/Molecular Biotechnologies

2014-2015: **Master's degree in Health and Drug Engineering**

Université Joseph Fourier Grenoble (France)

Modelisation and Biostatistic, Business Management/Strategy/Marketing, Reading and Writing scientific paper, Molecular Tools, Biodrugs, Bioethics, Project Management, Cells and Proteins engineering

2014: **(BCs) Biomedical Sciences, one semester**

University of Abertay, Dundee (Scotland)

Cell signalling and metabolism, Pharmacology, Laboratory Techniques and Skills

2012-2014: **Bachelor's degree « Biotechnology for health »**

Université Joseph Fourier Grenoble (France)

Engineering Sciences, Immunology, Genetics/Epigenetics, Organic chemistry, Experiment in Biotechnology, Human pathologies, Applied microbiology, Biodrug, Cancerology, Biomathematics, Analysis Methods, Biomolecule synthesis, Ethic

2010-12: **First common year for medical studies**

Université Joseph Fourier Grenoble (France)

2010: Paul Hérault High School - Scientific High School diploma option Biology, Physics speciality, with B grade.

Work experience

Internship at Sanofi Pasteur (4 months):

Analytical R&D Immunology department of Sanofi Pasteur (Marcy l'Etoile)

Biosafety class 2, BPL/GMP regulations

Practical work (bachelor and master degree):

Enzyme engineering:

Protein biochemistry and Enzymology: Gene restriction mapping, Protein surexpression by E.Coli, Affinity chromatography, SDS-PAGE, Western-Blot, directed mutagenesis

Cell engineering:

Mammal cell culture: A549, transfection agent (cationic polymer) and liposomes, fluorescence, cytometry

Computer skills

Related to Bio-engineering

Statistics: Basis in programming with Python and R, SPSS Statistics 21, PLA (Parallel Line Analysis)

Genetics: Exploiting databases: UCSC, Genatlas. Translation RNA/DNA/codon tools (web.expasy.org). Genetic sequences comparisons: BLAST

Pharmacology: Ratcvs software

General

Operating Systems: Windows 7/8

Software / Applications: Pack Office 2013, MS Word, Excel (extensive user), PowerPoint, Adobe Indesign (basis)

Certificat Informatique et Internet (C2i: Computer Science and Internet Certificate)

Languages

French: Fluent (mother tongue)

English: International English Language Testing System IELTS score 7.0 (december 2014)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C1	C1	B2
Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user				

Spanish: In learning

Italian and Japanese: Basis

Personnal Skills - Experiences from summer jobs and participation in a medieval association.

Communication skills

Baby-sitting (5 months baby to 10 year old children): Handle very young children / Sense of responsibility, pedagogy

Cleaning Operative: Address the clients' needs, handle tension between employees / Calm and diplomacy

Medieval reconsitution: teaching history through play-role / Conferences animation, improvisation

Organisational / managerial skills

Kitchen Porter at Aiton's penitentiary: From cooking to checkout / Multitasking and adaptability

Employee at Sun Parks DeHaan (Holiday Center, **Belgium**): Reaching precise objectives in time / Methodology and rigor