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Date of birth: 19/08/1990

Agathe PAITIER

PhD student in Bioengineering

EDUCATION

- 2014-2017 **PhD student in Bioengineering : "Scaling-up of microbial fuel cell"**,
Environmental Microbial Genomics group, Laboratoire Ampère, Lyon,
France
- 2013 **Engineering degree from the ESBS** (Ecole Supérieure de Biotechnologie de
Strasbourg: biotechnology engineering school), specialization in
environmental biotechnology.
Final project: "Emerging pollutants detection using microbial fuel cell".
ISIE Master degree ("Ingénierie et Sciences pour l'Environnement":
Environmental Sciences and Engineering).
- 2008/2010 **2-year intensive program preparing for the national competitive exam for
entry to engineering schools, Lycée Clémenceau, Nantes, France.**
- 2008 **Scientific A-levels, Lycée Jeanne d'Arc, Montaigu, France.**

WORK EXPERIENCE

- March-August 2013 **Final year internship at CleanCells, Boufféré, France.**
I worked for 6 months in the R&D department on the optimization of T
cells culture and freezing conditions and on the validation of an ADCC
(antibody-dependant cell-mediated cytotoxicity) measurement method by
flow cytometry.
- Summer 2012 **Internship in laboratory, IGBMC, Strasbourg, France.**
I spent two months working on a cloning and RNA interference program on
C. elegans to express a transgene in particular cells.
- Summer 2011 **Internship in laboratory, CNRS unit of Biotechnology, Biocatalysis and
Bioregulation at the University of Nantes, France.**
I spent two months studying the interaction between a drug, DIDS, and a
transport protein, BSA, by biochemistry and optical biophysics methods.

LANGUAGES

French (native), English (fluent, TOEIC: 940 points), German (basic).

ADDITIONAL INFORMATION

- Associations Former member of Student Union of the ESBS, in charge of internal events.
Former member of a student organization in charge of the gala at the
ESBS.
- Driving licence