

Brieuc Urbain

PhD student at:

Université de Nantes, Laboratoire GEPEA, Saint-Nazaire

Project title:

Elaboration of a biochemically-based structured model for the growth of microalgae in photobioreactors

Educational background:

- 2010-2012: Master's degree in bio-engineering. Specialization in molecular biology, biochemistry and cell culture. Master thesis: «The effect of plantlet mass and cutting on the growth of *Ochtodes secundiramea* tissue cultures in photobioreactors» @ Université Catholique de Louvain, Belgium
- 2007-2010: Bachelor's degree in bio-engineering. Specialization in chemistry and bio-industries @ Université Catholique de Louvain, Belgium
- 2006-2007: 1st year bachelor in germanic philology (English, German) @ Université Catholique de Louvain, Belgium

Advantages of being an MSC fellow:

Being part of a large international network is always a rich experience in terms of scientific but also cultural exchange. It gives me the chance to meet researchers in related fields but with different approaches and point of views, thus allowing me to broaden the scope of my research.



Main Supervisor:

Guillaume Cogne

Nationality:

Belgian



Research and Work experience:

- August 2012- August 2013: 1 year research assistant on project BAMMBO (FP7) (design and realization of lab scale photobioreactors, experimental designs, cultures maintenance, culture conditions optimization for marine organisms and growth experiments in photobioreactors @ Unit of Bioengineering, Université catholique de Louvain (UCL), Belgium
- 2011 - August 2012: 1 year internship, student in the context of the Master Thesis @ Unit of Bioengineering, Université catholique de Louvain (UCL), Belgium
- July 2009: 1 month internship, lab assistant in quality control R&D. Products control and development of new products @ REALCO (detergent and cleaning), Louvain-la-Neuve, Belgium

Personal interests / motto:

- New biotechnologies and processes using bioreactors
- Information technologies, devices, computers and informatics
- Playing music (cello)