

Valeria Villanova

PhD student at:

Fermentalg, Libourne

Project title:

Optimising diatom growth and yield by mixotrophic growth.

Educational background:

- March 2012: Master degree in Industrial Biotechnology at University of Palermo.
- October 2009: Bachelor degree in Biotechnology curriculum food industry at University of Palermo.

Personal interests / motto:

Expertise in photosynthesis and algal biotechnology for biomass production applications at the laboratory and/or pilot plant scale.

Advantages of being an MSC fellow:

During my PhDs I will have the possibility to gain experiences in an international environment and to interface with different research reality combining industrial, academic and system biology field.



AccliPhot

Main Supervisor:

Adeline Le Monnier

Nationality:

Italian



Research and Work experience:

- October 2012- April 2013: Internship at John Innes Centre, Norwich UK (under M. Banfield & S. Kamoun). Project “Specificity and adaptation in effector proteins from the Irish potato famine pathogen”
- 2011-2012: Erasmus project at Fachhochschule Nordwestschweiz, Basel, Switzerland (under G. Lipps) for the preparation of my master’s thesis. M.S. thesis dissertation: “Enzymatic and mutational analysis of plant glycosyltransferases”
- May 2009 to July 2009: University research at University of Palermo-Department of Molecular Biology (under F. Palla) for the preparation of my bachelor’s thesis. B.S. thesis dissertation “DNA genomic analysis of *Rhynchophorus ferrugineus*”.