

Julien Couvreur

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Laboratory Technician in Microbiology DOB: May, 13th 1986 (Sarcelles, 95 - France)

Skills

Technical

- Solid State Fermentation: Laboratory scale, Pilot scale
- Liquid State Fermentation: Laboratory scale, Pilot scale
- Plant production and valorisation: Green chemistry, biotechnologies (bioenergy, cosmetic, agro-material), biochemistry, vegetable physiology/biology
- LCA (Life Cycle Assessment): theoretical training, practice training, design of simplified LCA

Analytical

- HPLC (chromleon)
- GPC (GPC agilent workspace)
- Multiscan microplate, Spectrophotometer
- Cytometer (Cellquest, WinMDI)

Computer skills

- Office workspace
- Statistica
- OpenLCA

Present & previous positions

Sept. 2013 - Present **Microbiology technician**, *Chaire Agro-Biotechnologies Industrielles (ABI)*, Reims, France.

2012 **Scientific assistant (trainee)**, *ARD*, Reims, France.
(7 months)

Project *Study on bioethanol production by micro-organism (First and second generation)*
○ Bibliographic study, Laboratory test, micro-pilot test

2010 **Scientific assistant (trainee)**, *Unité de Recherche Vignes et Vin de Champagne - Stress et Environnement*, France.
(2 months)

Project *Setting up of water quality indicator with native sea shell study (immun study)*

- Physiological/immun study of sea shell, bibliographic study, laboratory test (cytometer)

Education

2010-2012 **Master degree Production and Valorisation of Agro-resources**, URCA, Reims, France.
Industrial Microbiology, Biochemistry, Green Chemistry, Biotechnologies (Bioenergy, cosmetic and agro-material)

2007-2010 **Bachelor degree Biology, Biochemistry, Earth and Ecology**, URCA, Reims, France.