

Stéphanie Dupoirion- Cony

Graduate Student

CEBB, Chemin des Sohettes, Route de Bazancourt
51110 Pomacle, France
☎ +33 (0)3 26 77 36 28
✉ stephanie.cony@agroparistech.fr



DOB: October, 2nd 1988 (Singapore - Singapore)

Research Topics

- Wheat bran valorization into valuable molecules (xylose, XOs, ferulic acid) by enzymatic hydrolysis
- Purification by various methodologies (filtration, anion exchange resins)

Present & previous positions

- Feb. 2014 - Present **Graduate student**, (with Prof. C. Remond and Prof. M.-L. Lameloise), U. of Reims, Reims, France.
- Nov. 2012 - **M.Sc.**, (with Dr. C. Albenne), The Plant Science Research Laboratory (LRSV), Auzeville
Sep. 2013 - Tolosane, France.

Education

- 2014 - Present **Ph.D. student** (*UMR FARE, UMR GENIAL, Chaire Agro-Biotechnologies Industrielles (ABI)*), U. of Reims, Reims, France.
- 2012 - 2013 **M.Sc. (Master 2) in Structural and functional Biology**, U. of Toulouse, Toulouse, France.
- 2011 - 2012 **M.Sc. (Master 1) in Molecular biology and biochemistry**, U. of Toulouse, Toulouse, France.
- 2010 - 2011 **B.Sc. (Licence) in Molecular biology and biochemistry**, U. of Toulouse, Toulouse, France.
- 2008 - 2010 **Undergraduate Degree (DUT) in Biology and Biochemistry Analysis**, U. of Tours, Tours, France.

Scientific production

Summary:

- 1 publication in peer-reviewed journals
- 1 oral communication and 3 posters

Publications in peer-reviewed journals

- [1] S. Dupoirion, C. Zischek, L. Ligat, J. Carbonne, A. Boulanger, T. Dugé de Bernonville, M. Lautier, P. Rival, M. Arlat, E. Jamet, E. Lauber, and Albenne. The n-glycan cluster from *Xanthomonas campestris* pv. *campestris*: a toolbox for sequential plant n-glycan processing. *J. Biol. Chem.*, 290:6022–6036, 2015.

Oral communications

- 2016 **Déconstruction raisonnée des hemicelluloses du son de blé et purification des fractions fonctionnelles**, *Journée Jeunes Chercheurs Condorcet*, 19th-20th November, Dupouiron-Cony, S., Bedu, M., Pommet, M., Lewandowski, R., Allais, F., Teixeira, A., Lameloise, ML., Rémond, C., Rakotoarivonina, H..
Reims (France)

Posters

- 2015 **Enzymatic deconstruction of wheat bran xylans by a thermophilic bacterium, *Thermobacillus xylanilyticus*, to produce valuable molecules**, *Renewable chemicals from waste - securing the molecular value from waste streams*, 20th November, Dupouiron-Cony, S., Rakotoarivonina, H., Allais, F., Pommet M., Lameloise, ML., Rémond, C..
London (UK)
- 2015 **Enzymatic deconstruction of wheat bran xylans by a thermophilic bacterium, *Thermobacillus xylanilyticus*, to produce valuable molecules**, *International Symposium on Green Chemistry*, 16th-19th May, Dupouiron-Cony, S., Rakotoarivonina, H., Allais, F., Pommet M., Lameloise, ML., Rémond, C..
La Rochelle (France)
- 2012 **Caractérisation des glycosides hydrolases appartenant au système d'exploitation du N-acétylglucosamine chez *Xanthomonas campestris* pv. *campestris***, 10th Meeting *Plants-Bacteria*, 12th January, Boulanger, A.; Dupouiron-Cony, S.; Ligat, L.; Dugé de Bernonville, T.; Rival, P.; Déjean, G.; Zischek, C.; Lautier, M.; Jamet, E.; Arlat, M.; Albenne, C.; Lauber, E. .

Languages

- French **Native Language**
English **Native Language**