Invited Speakers

Audrey Favrelle-Huret

University of Lille, France



Audrey Favrelle-Huret received the Master's degree in Organic Chemistry from the University of Picardie Jules Verne of Amiens where she was introduced to carbohydrate chemistry. After obtaining her PhD in 2008 on the chemo-enzymatic synthesis of amphiphilic β-cyclodextrins at the University of Picardie Jules Verne in Amiens, she joined the group of Christine Jérôme at the University of Liège (Belgium) as postdoctoral researcher where she worked on the enzymatic synthesis of new carbohydrate surfactants for water/supercritical CO_2 emulsions. In 2011, she joined the University of Rouen as postdoctoral researcher where she contributed to the synthesis of novel ionic-liquid-functionalized β-cyclodextrin-bonded polymers. Finally, she moved to the University of Lille, where she developed research on saccharide-functionalized polyesters prepared through organocatalyzed ring-opening polymerization. Since 2013, she is Assistant professor at the University of Lille. Her research focuses on organo- and bio-catalysis for functional and sustainable polymers, including ring- opening polymerization (ROP), polymer carbohydrate coupling, the design of new based monomers and polymers and plastic recycling.