



Dr Sébastien LEMAIRE

Scientific Director
JOHNSON & JOHNSON
Shanghai, China

SLEMAIRE@its.jnj.com

Education

1999-2002: Ph.D in Organic Chemistry at Pierre & Marie Curie University (Paris VI), France with Prof. G. Poli.

1997-1999: M.Sc in Fine Chemistry at University of Nantes (France).

1994-1997: B.Sc at University of Nantes, France

Career

2017 to present: Scientific Director at Janssen in Process Development department, PDMS China, Shanghai (2-year assignment)

2005-2016: Principal Scientist at Janssen in Process Development department, Belgium.

2004-2005: Postdoctoral fellow as Medicinal Chemist at Johnson & Johnson PRD (6 months).

2002-2004: Postdoctoral fellow at Université Catholique de Louvain (UCL), Belgium with Prof. I. E. Markó

Research Interests

As Chemistry Lead in the process department, I am developing chemical processes for new API (Active Pharmaceutical Ingredient). The ultimate goal consists of transferring these processes to chemical production plant. In relation with Canagliflozin, a new drug approved in US for the treatment of type 2 diabetes, I have developed an innovative catalyst-free C-glycosylation. Current investigations to extend the scope and limitation of this reaction are ongoing.

Awards

2014: ACS Young Investigator Award.

2012: Philip Hoffman Award for Excellence in Research and Development, Johnson&Johnson