



Alexandra R. Alburnia

short profile

Alexandra Alburnia is Senior Group Expert in Innotech and Technology organisation, at Borealis, with nearly 20 years of experience in the polyolefine world. She joined Borealis as a scientist in 2011. From 2014 to 2021 she took over different managerial positions, responsible for operations and leading professional, and then she moved back to the technical field since.

She studied chemistry at the University of Salerno (Italy), where she defended her PhD in 2003. By developing a business plan for an active packaging to increase horticultural produce shelf-life, she was awarded with the National Prize for Innovation (PNI, 3rd prize) in 2009. In 2010, she received the innovation prize from Italian President, On. Giorgio Napolitano, and was co-founder of a start-up (Nanoactive Film srl).

In December 2013 she got the habilitation as assistant professor in Industrial Chemistry.

Her career is mainly focused around research and innovation, first developing novel polymeric materials, from synthesis and characterization up to final application, from small scale to commercial scale production. In the last years, she started focusing on circularity and sustainability of polyolefin solution and contributed to define the strategy and the action plan for reaching the company objectives.

The research activity is documented by more than 60 scientific publications, among peer reviewed journals, books, and patents.