

Biography

Valérie Gabelica studied Chemistry and obtained her PhD in Chemistry in 2002 at the University of Liège in Belgium, with a thesis under the mentorship of Prof. Edwin De Pauw. After a postdoc in Frankfurt as Humboldt fellow in the group of Prof. Michael Karas, she rejoined the Mass Spectrometry Laboratory in Liège where she obtained a permanent position as FNRS research associate in October 2005. She joined the Institut Européen de Chimie et Biologie (IECB, Bordeaux, France) in 2013 and became a Research Director of the Inserm (French National Institute of Health and Medical Research). She obtained an ERC Consolidator grant in 2014, was awarded the Prix du Dr. et de Mme Henri Labbé (French Academy of Sciences) in 2018, and the Liliane Bettencourt Prize for Life Sciences (Fondation Bettencourt-Schueller) in 2021, and the Heinrich Emanuel Merck Award for Analytical Sciences in 2022. She currently serves as director of the IECB and is an associate editor for Analytical Chemistry since 2021.

Her main research interests are fundamental aspects of mass spectrometry and its application to non-covalent complexes (nucleic acid complexes in particular), with research themes spanning from physical chemistry to biophysics and structural chemistry and biology.