

Biographical sketch

Amélia Pilar Rauter is Full Professor of Organic Chemistry (retired in July 2020), the President of the International Carbohydrate Organisation and the Secretary of the European Carbohydrate Organisation. She serves IUPAC as Vice-President of the Division on Organic and Biomolecular Chemistry, as Titular Member of IUPAC Division of Chemical Nomenclature and Structure Representation and as Associate member of its Interdivisional Committee on Terminology, Nomenclature and Symbols. She is the founder of the Portuguese Society of Chemistry Carbohydrate Group, and the founder and leader of the CQE Carbohydrate Chemistry Group at Faculdade de Ciências, Universidade de Lisboa (FCUL). Her research covers the development of new molecular entities for the treatment/prevention of metabolic (diabetes), degenerative diseases (Alzheimer's and Prion diseases, cancer), and infection, either isolated from natural resources or accessed through rational design and synthesis. She is Editor of the Royal Society of Chemistry Carbohydrate Chemistry book series, Associated Editor of the Mediterranean Journal of Chemistry, and member of journals advisory board in Medicinal/Organic/Carbohydrate Chemistry, namely European Journal of Organic Chemistry (Wiley), Medicinal Chemistry (Bentham Science), Journal of Carbohydrate Chemistry (Taylor & Francis), among others. She has published more than 150 papers and book chapters, authored 8 granted patents and has been invited as speaker of national and international meetings (Gordon Conference, ECO and ICS meetings, and many others). Among her honors, she was awarded with the Mention of Excellency by FCUL in all evaluations since 2007, with the Madinaveitia-Lourenço Prize by the Spanish Royal Chemical Society, and is a Chemistry Europe Fellow and a Royal Society of Chemistry Fellow.