

## Biography

Amélia Pilar Rauter is Full Professor of Organic Chemistry (retired, with collaboration agreement with Faculdade de Ciências, Universidade de Lisboa), and the Coordinator of the Carbohydrate Chemistry Group (G11) of Centro de Química Estrutural. She serves IUPAC as President of the IUPAC Division on Organic and Biomolecular Chemistry, as Associate Member of IUPAC Division of Chemical Nomenclature and Structure Representation and as Division III representative member of IUPAC Interdivisional Committee on Terminology, Nomenclature and Symbols. She is the Past-President of the International Carbohydrate Organisation and the Secretary of the European Carbohydrate Organisation. She is the founder of the Portuguese Society of Chemistry Carbohydrate Group, and the founder and leader of the Carbohydrate Chemistry Group at Faculdade de Ciências, Universidade de Lisboa (FCUL). Her research covers the development of molecular entities as food supplements and 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 has coordinated/participated as principal investigator of FCUL in projects sponsored by EU, IUPAC, NATO, FCT, QREN, FLAD, CRUP, among other funding agencies and programs, with national and international companies. She is Editor in Chief of the journal *Pharmaceuticals*, and 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* until 2023 (Wiley), *Medicinal Chemistry* (Bentham Science), *Journal of Carbohydrate Chemistry* (Taylor & Francis), *Marine Drugs* (MDPI), 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 Madinaveitia-Lourenço Prize by the Spanish Royal Chemical Society in 2017 and with the Mention of Excellency by Faculdade de Ciências, Universidade de Lisboa (2008-2022), she is Chemistry Europe Fellow, and Fellow of the Royal Society Chemistry since 2017.