

María Laura Uhrig is a Professor at the Departamento de Química Orgánica, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, and a Researcher at the Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET-Argentina). She graduated in Chemistry in 1990 and obtained her Ph.D. degree from Universidad de Buenos Aires in 1996, working on the glycobiology of *Trypanosoma cruzi*, under the supervision of Dr Alicia Couto and Dr Rosa Lederkremer. In 1997 she pursued a post-doctoral stage at Dr Alejandro Katzin's laboratory, Instituto de Ciências Biomédicas, Universidade de São Paulo, Brazil, working on *Plasmodium falciparum*. Motivated by organic synthesis in the carbohydrate field, she joined in 2001 Dr Oscar Varela's group, starting a fruitful post-doctoral period on the synthesis of modified carbohydrates in the search of glycosidase inhibitors. She furthered her research interests with several stays in Europe. Nowadays, she leads the Multivalent Glycomimetics group in the Carbohydrate Research Center (CIHIDECAR). Her main current interests involve the synthesis of thiodisaccharides as glycomimetic lectin targets for the construction of multivalent ligands. Supramolecular approaches by the self-assembly of amphiphilic sugar derivatives are also explored for the achievement of multivalency. She is also dedicated to teaching in the Organic Chemistry Department and committed to the activities of the Argentinian Chemistry Olympiad to promote scientific vocations in young students.