



Federica Pollastro is an associate professor at the Department of Pharmaceutical Sciences of Novara. She has worked on natural bioactive compounds from alimentary, toxic and psychoactive plants. In this area, she is proficient in isolation and structural elucidation of phytochemicals. She has worked on chemoreception based on sesquiterpene- γ -lactones from different species of plant discovering their involvement in nociception (TRPs)

and on bitter taste receptor (hTAS2R46). This work gave her the opportunity to find a new compound belonging to the rare class of sesterpenes. She has isolated a new class of non-psychoactive cannabinoids from *Cannabis sativa* and semisynthesised cannabinoid-quinols which pharmaceutical implication have been studied. She was awarded of the ElSohly award by the American Chemical Society and she is a local coordinator of the EMOTION Master Program of the UNIUPO.