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Catherine Ladavière

Professor Catherine Ladavière, PhD, earned her doctorate in Polymer Chemistry from Lyon 1 University (France) in 1998. She is a CNRS Research Director at *Claude Bernard Lyon 1 University, France*, and her work focuses on the interface of Life Sciences, particularly the design and physicochemical behavior of lipid layer/polymer nanoparticle assemblies, as well as liposome/polymer hydrogel devices, both developed as delayed-release biosystems. She also possesses extensive expertise in the physicochemical characterization of polymers in solution, colloids in suspension, and structural analyses of macromolecules using MALDI-TOF mass spectrometry.

Talk: Size Exclusion Chromatography (SEC) of chitosan and chitosan oligomers

The lecture will present the principle of Size Exclusion Chromatography (SEC) for polymer characterization, along with the results obtained using this separation technique and its main associated detectors. Examples will be provided for the analysis of chitosan and chitosan oligomers.



Co-financed by the European Union • Smart Growth, Digitalization and Financial Instruments Programme (POCIDIF) 2021–2027
EUCHIS International School on Chitosan • Iași, Romania • 26th October - 1st November 2026