

Short biography:

Chloé Grazon is a CNRS research scientist at the Laboratoire de Chimie des Polymères (LCPO) at the Université de Bordeaux/École Nationale Supérieure de Matériaux, d'Agroalimentaire et de Chimie. Her research focuses on fluorescent nanoparticles that interact with light to detect biological events, with applications in biosensing and bioimaging. After discovering this field during her engineer degree at ESPCI and PhD at ENS Paris-Saclay, she spent time in the private sector and completed a postdoctoral fellowship in the United States before joining CNRS in 2020. Her work explores the self-assembly and energy transfer between fluorescent nanoparticles to improve the sensitivity of optical biosensors, at the interface of polymer chemistry and photophysics. In 2022, she received an ERC Starting Grant for the COMET project. In 2025, she was awarded the CNRS Bronze Medal, which also recognizes her commitment to environmental transition initiatives within her laboratory.