

TU Eindhoven, The Netherlands





**Department of Chemical Engineering and Chemistry:
HELIX building**

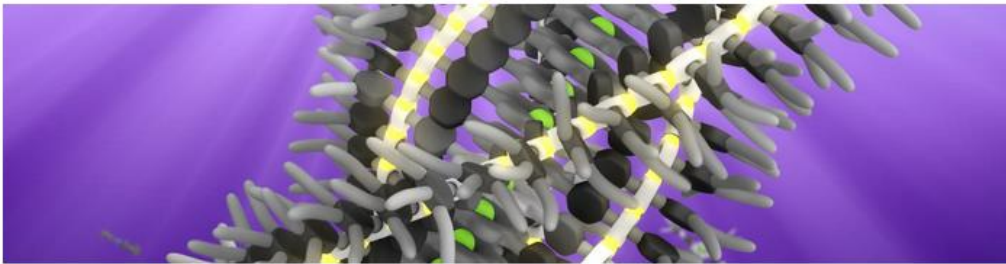
**Institute for Complex Molecular Systems:
Ceres building**

Laboratory of Macromolecular and Organic Chemistry



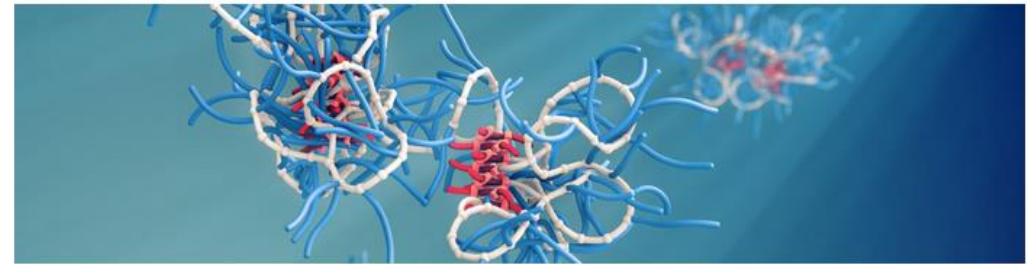
Bert Meijer

Fundamentals of Complex Molecular Systems

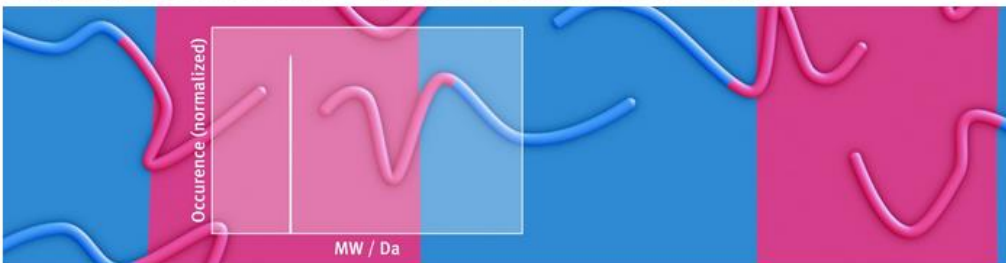


Anja Palmans

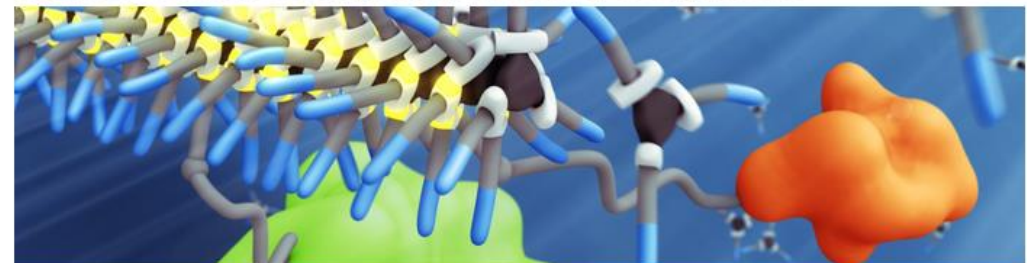
Single-Chain Polymeric Nanoparticles



Supramolecular Polymers and Materials

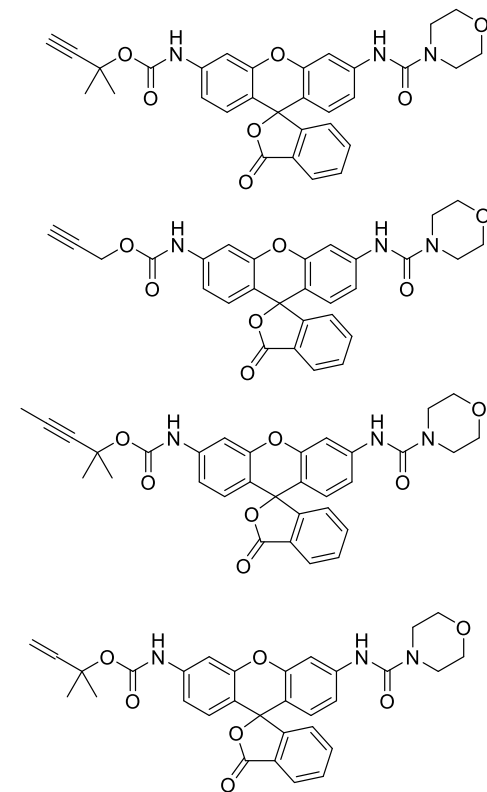
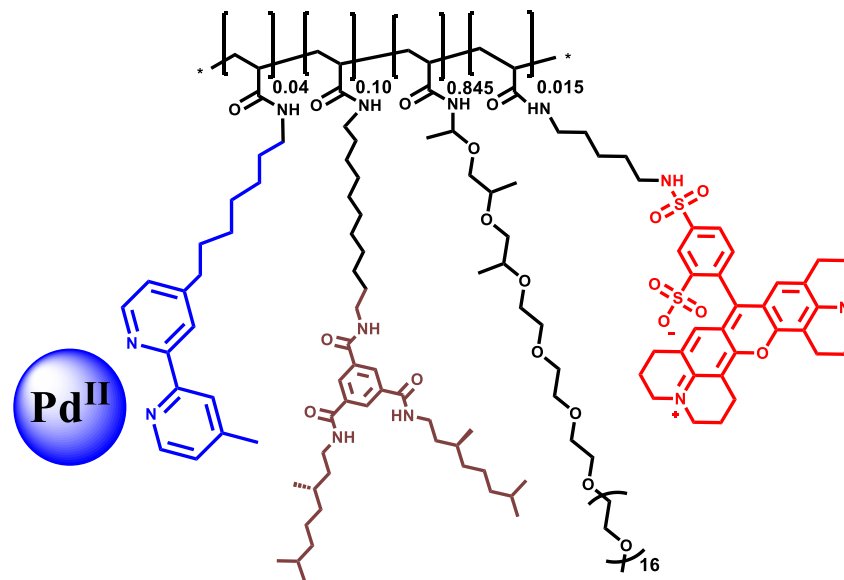
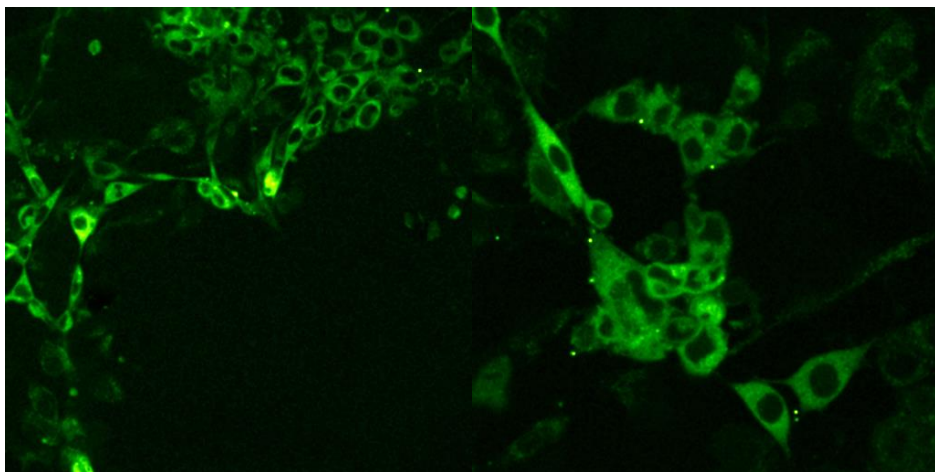


Water-Soluble Supramolecular Polymers

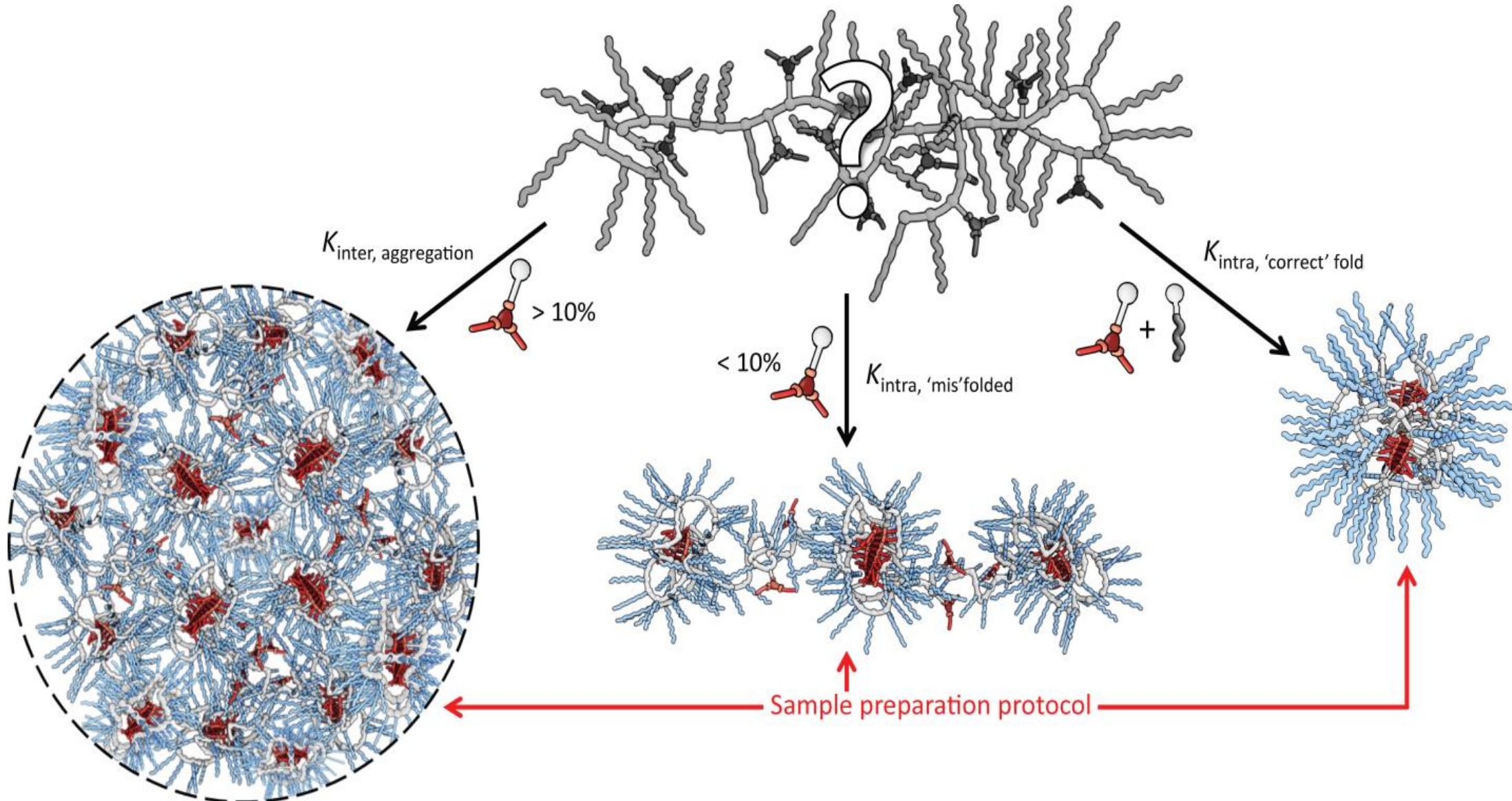


Expertises at TU/e

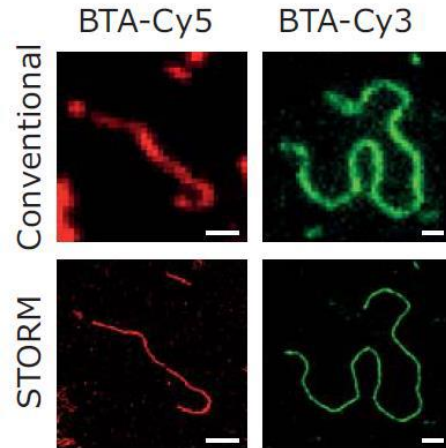
- Organic synthesis of small molecules
- Complex polymer synthesis using controlled polymerization techniques
- Characterisation of macromolecular systems using spectroscopic, microscopic and scattering methods
- Catalyst preparation and activity assessment



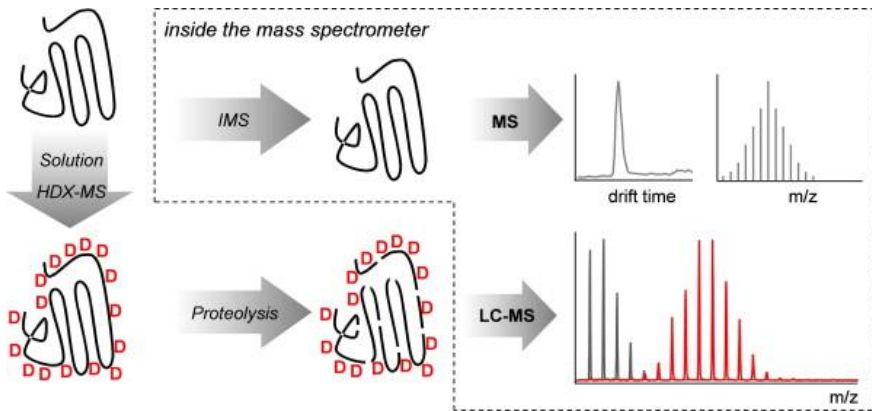
Synthesis of complex macromolecules



Super Resolution Microscopy



HDX-MS

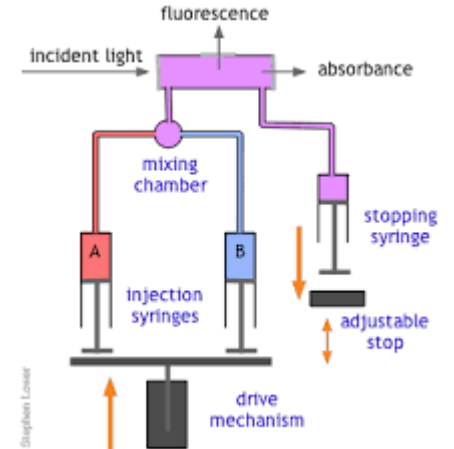


Spectroscopy

UV, CD

Fluorescence

Stopped flow



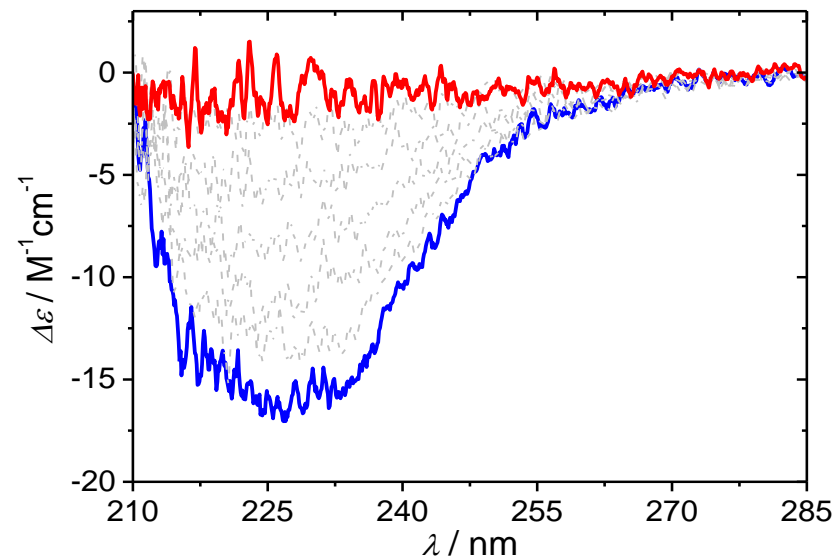
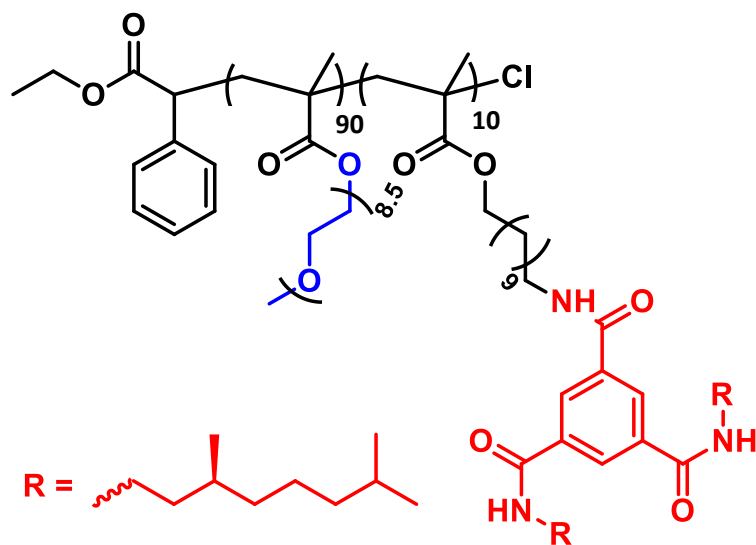
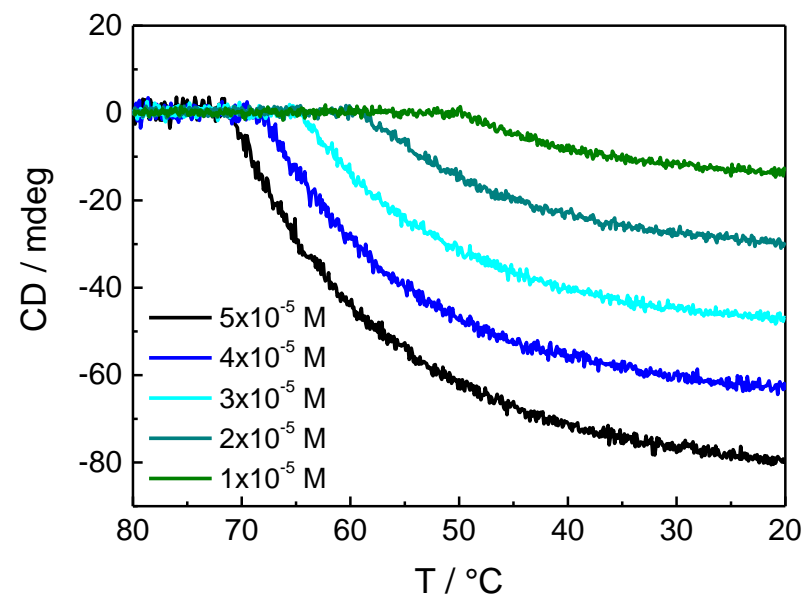
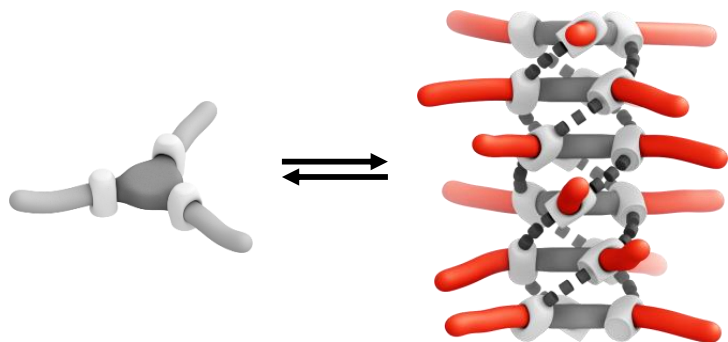
Scattering Methods

SAXS

Multi-angle SLS/DLS



Folding followed by CD spectroscopy



Thank you