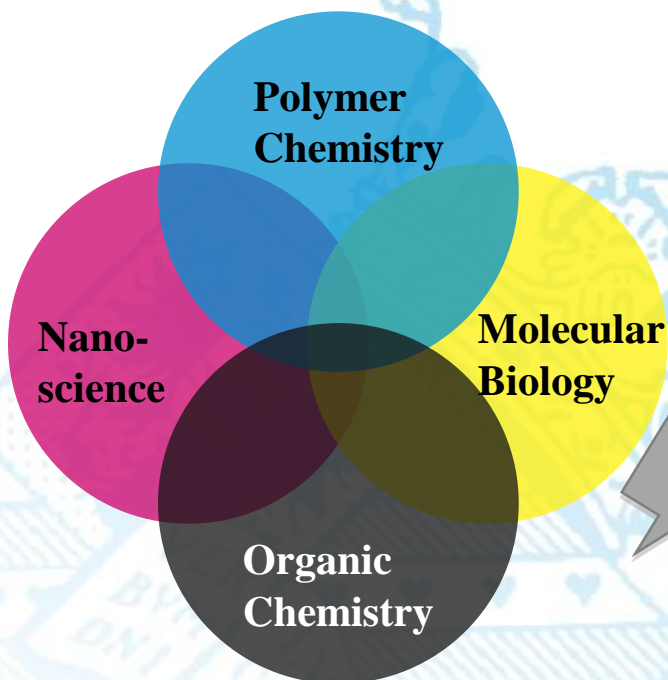


The Polymer Chemistry and Bioengineering Group, Groningen, The Netherlands



Methods/Techniques



Since 2007

Functional materials

DNA / RNA

DNA hybrid materials

Supercharged proteins

Potential Applications

Diagnostics

Drug Delivery

Active Pharmaceuticals

Nano- and Bioelectronics

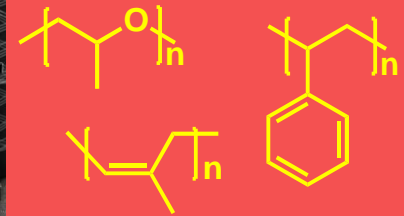
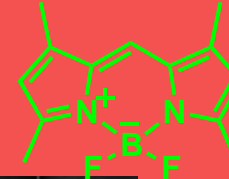
Combining DNA with Synthetic Materials



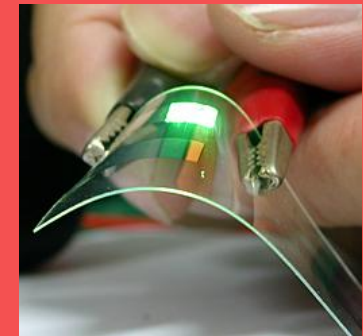
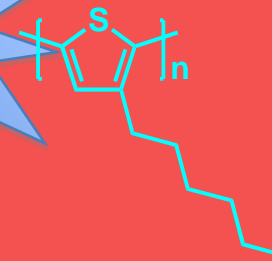
Deoxyribonucleic acid (DNA)

- Chemical Synthesis
- Polymerase Chain Reaction (PCR)
- Self-Recognition
- Enzyme Modifications

Synthetic Materials



Nucleic Acid Hybrid Materials



Improved properties
Evolution of new functions

