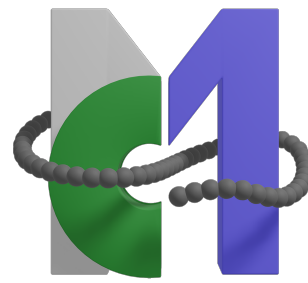


Synthesis and characterization of polythiophene based conjugated polyelectrolytes



Overview:

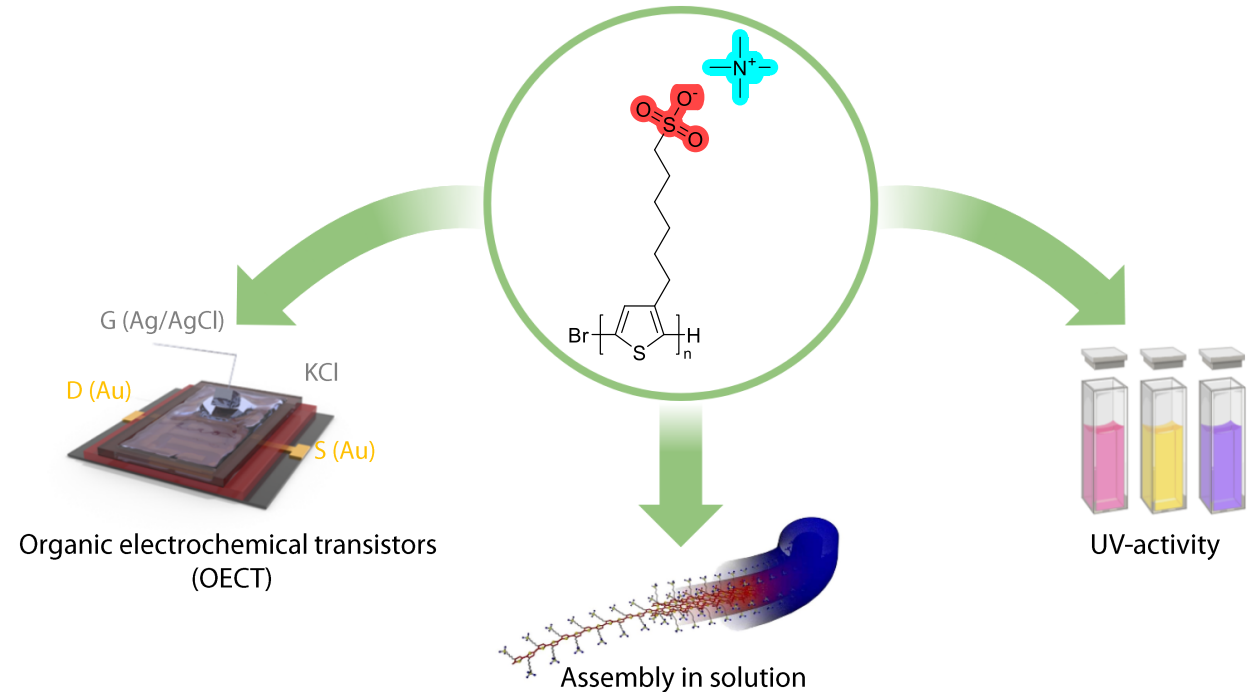
Designing and synthesizing conjugated polyelectrolytes for dual ionic-electronic conduction (e.g., in OECT devices).

Research tasks:

- Monomer synthesis and polymerization
- Post-polymerization modification
- Optional: Electrochemical characterizations

What you will learn:

- Organic synthesis & inert techniques
- Characterization techniques like NMR, GPC, UV/Vis, SEC etc.



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