

Synthesis of Self-organized Side-Chain Polymers with π -Conjugated Backbone via GRIM Metathesis



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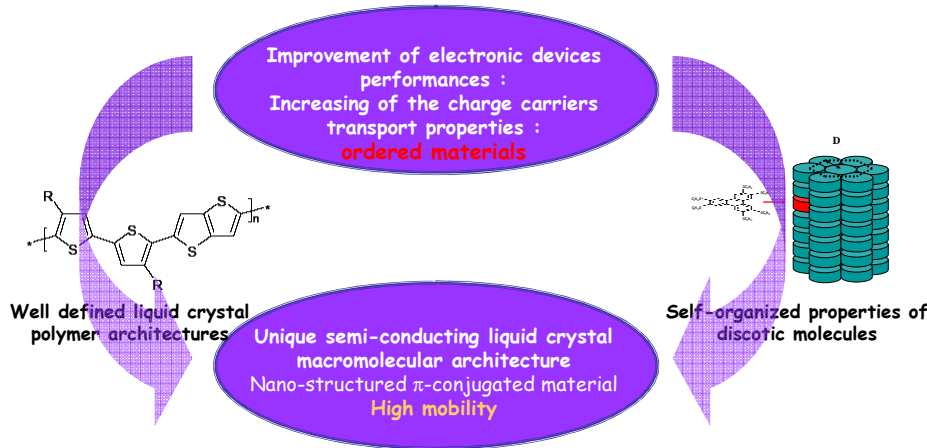
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Autres partenaires: J.-L. Fave, INSP, Paris, et S. Sanaur, ESMSE, Centre de Microélectronique de Provence

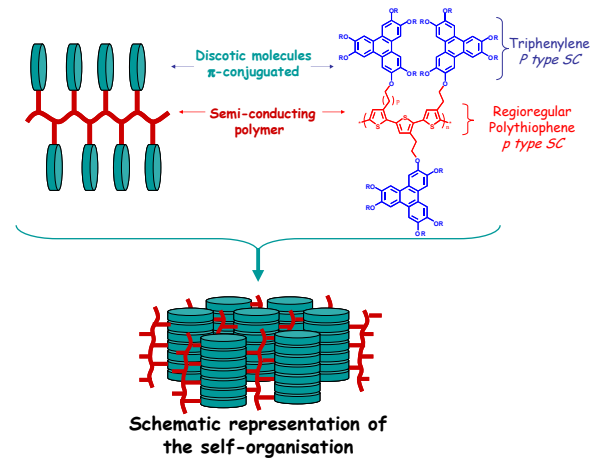
Projet: Trambipoly
2010-2012

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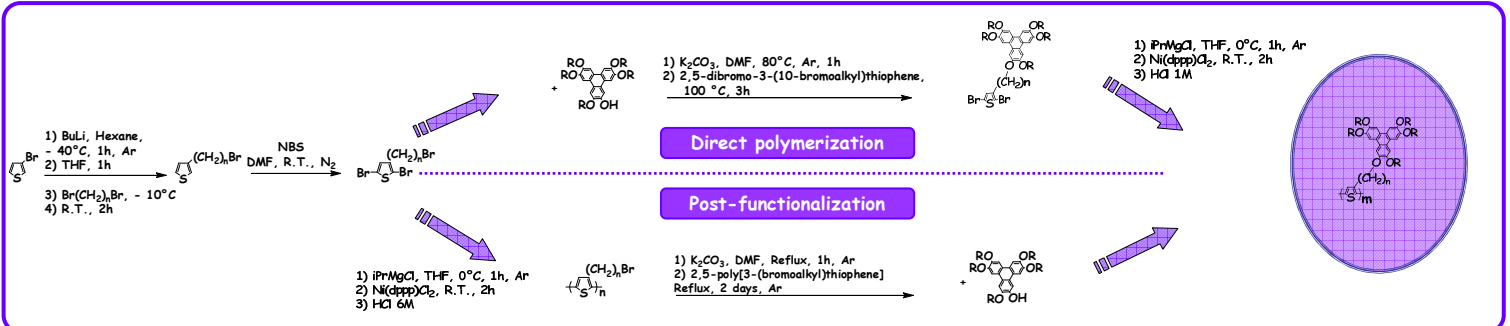
Organic semi-conducting materials



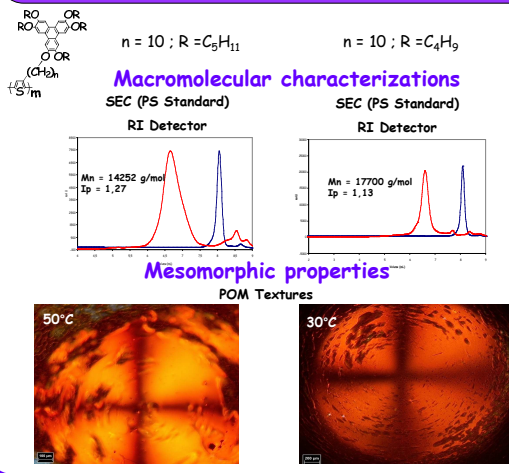
Liquid crystal polymers



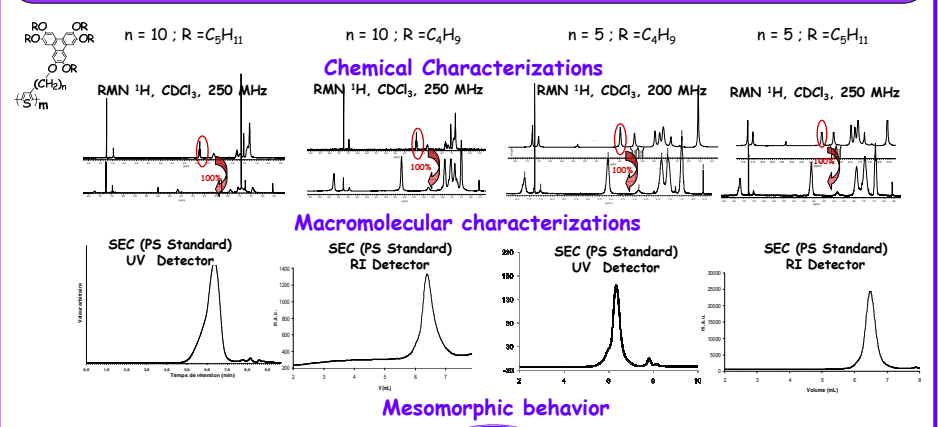
Synthetic approaches



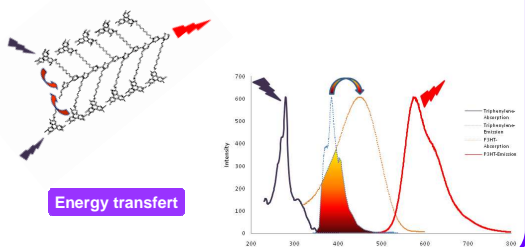
Direct polymerization



Post-functionalization



Photophysical properties



Birefringent texture observed with all compounds by polarised optical microscopy

