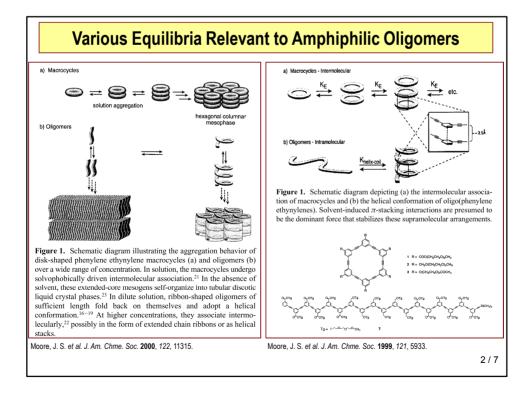
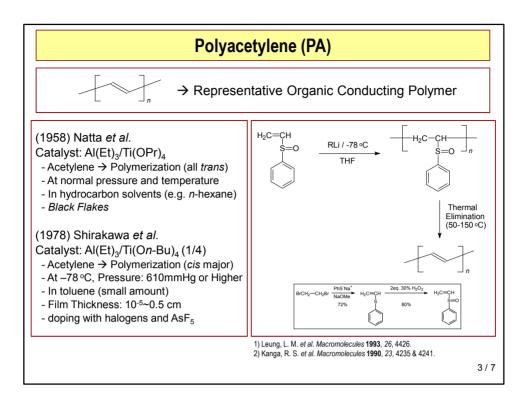
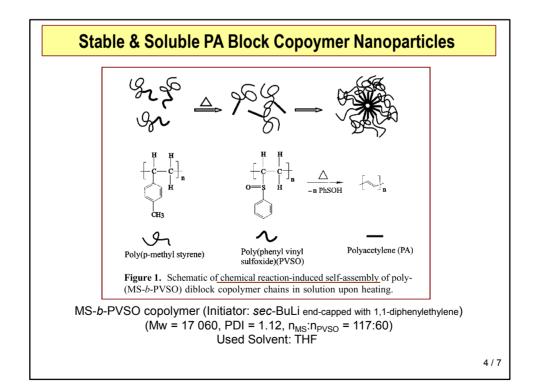
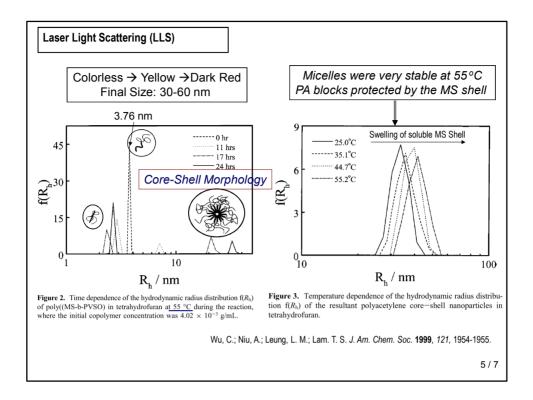
Novel Polymers: Narrow Distributed Stable & Soluble PA Block Copolymer Nanoparticles

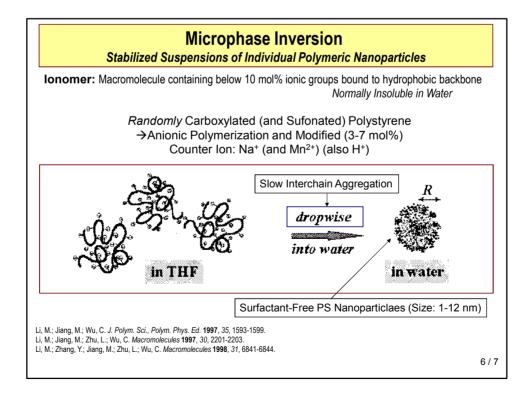
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• The assembly of polymer chains in solution is a powerful method leading to the preparation of interesting and unique macromolecular-based synthetic microstructure.

• The control of intra- and/or intermolecular interactions is provided through the selective placement of functional groups along the polymer backbone and the relative strengths of their *attractive and repulsive interactions*.

• The stable & soluble *PA Block Copolymer Nanoparticles* were successfully produced in Core-Shell morphology. They are applicable as various shapes such as thin films and tubes.

• *Surfactant-Free PS Nanoparticles* (often used as emulsifier) are prepared via *Microphase Inversion* with Randomly carboxylated and sulfonated PS ionomers.

