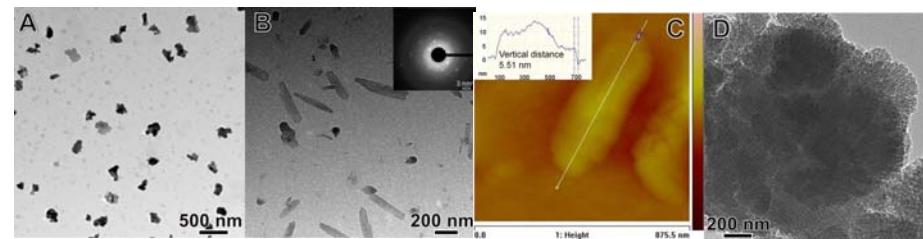


Unimolecular Polymeric Janus Nanoparticles: Synthesis, Self-Assembly and Applications

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Micelles of cationic amphiphilic triblock copolymer, PS-*b*-QP2VP-*b*-PEO, can complex with different types and lengths of DNA in aqueous solution, including oligomeric single-stranded and double-stranded DNA and long chain single-stranded DNA. The evolution of self-assembly morphology is studied by transmission electron Microscopy (TEM) and atomic force microscopy (AFM).



200 base unit ssDNA complex
With cationic triblock copolymer

