



DNA Cladding with Inorganic Sulphide Nanoparticles

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The formation of CdS and CoS₂ nanoparticles along the DNA strands have been studied. The systems DNA-CdCl₂ and DNA-CoCl₂ have been investigated in the solid state in order to form DNA-MX₂ complex salts used as precursors. They react with S²⁻ ions giving birth to CdS and CoS₂ nanoparticles. A model describing the DNA-nanosulphide association is proposed.

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