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## Water-Soluble Polymers

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### Message from the Guest Editor

Dear Colleagues,

Co)Polymers bearing sufficient hydrophilic functionality allowing for molecular dissolution in aqueous media may be broadly defined as water-soluble polymers. The hydrophilic functional groups may be neutral, anionic, cationic, zwitterionic, or a combination of such groups, and the materials may be homopolymers, block copolymers, statistical copolymers etc with well-defined, or non-well-defined molecular characteristics such as  $M_n$  and composition. Such materials may exhibit an impressive range of aqueous solution behaviours including, for example, upper and lower critical solution temperatures, the ability to serve as viscosifying agents above a critical concentration, biocompatibility, the ability to undergo self-directed assembly, and stimuli responsive characteristics that may be manifested in a variety of manners.

Prof. Dr. Andrew B. Lowe

*Guest Editor*



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## Message from the Editor-in-Chief

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