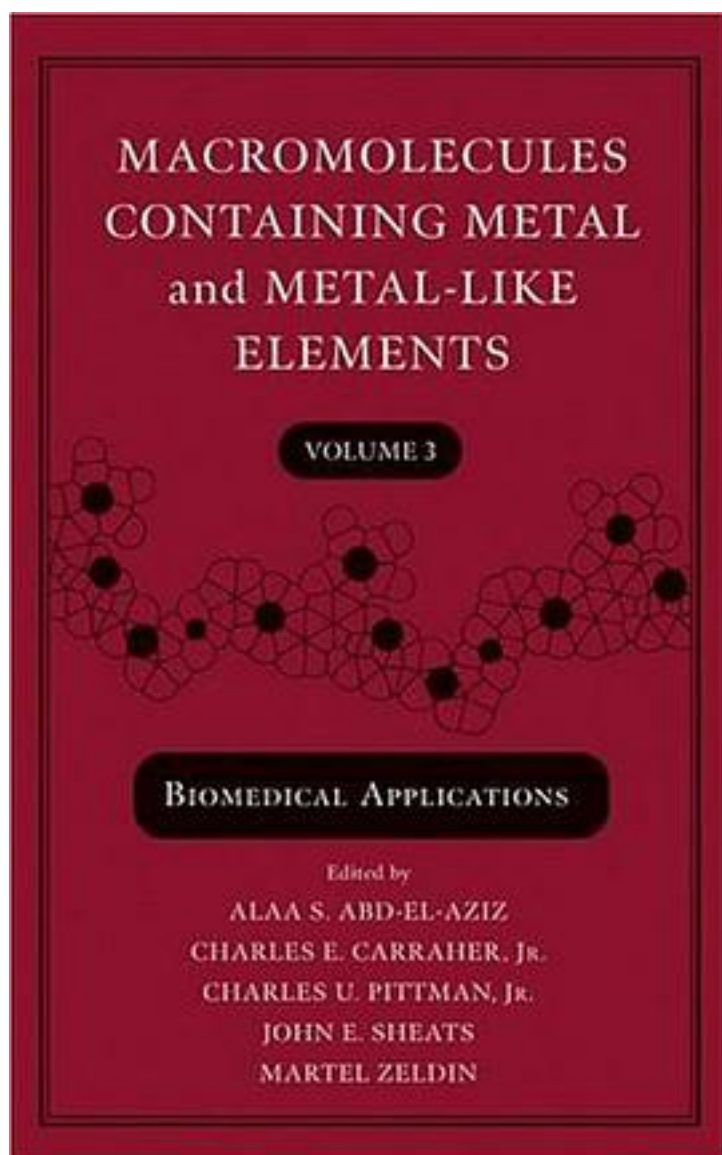


Macromolecules Containing Metal and Metal-Like Elements, Biomedical Applications



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Metal and metalloid-containing compounds exhibit a wide range of biological and biocidal activities, some of which have been employed in medicines and drugs. Polymers containing metal or metalloid functions become a natural extension of this effort; just as organic compound drugs have been chemically bound to polymers or physically imbibed into polymer matrices in order to provide a variety of useful advantages, the same opportunities exist for using metal and metalloid species. This volume will cover important biomedical applications of organometallic compounds, including metal-labeled DNA on surfaces, artificial metallo-DNA, organotin molecules as anti-cancer drugs, and much more.

* Provides useful descriptions of biomedical applications for the reader to apply in his/her research into materials, polymers, and medicine/drug development.

* Edited by high-quality team of macromolecular experts from around the world

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