

Contents

Arsenic-Based Drugs: From Fowler's Solution to Modern Anticancer Chemotherapy	1
Stéphane Gibaud and Gérard Jaouen	
Activation Mechanisms for Organometallic Anticancer Complexes	21
Ana M. Pizarro, Abraha Habtemariam, and Peter J. Sadler	
Organometallic Antitumour Agents with Alternative Modes of Action	57
Angela Casini, Christian G. Hartinger, Alexey A. Nazarov, and Paul J. Dyson	
Ferrocene Functionalized Endocrine Modulators as Anticancer Agents	81
Elizabeth A. Hillard, Anne Vessières, and Gerard Jaouen	
Titanocenes: Cytotoxic and Anti-angiogenic Chemotherapy Against Advanced Renal-Cell Cancer	119
Megan Hogan and Matthias Tacke	
Organometallics as Structural Scaffolds for Enzyme Inhibitor Design ..	141
Seann P. Mulcahy and Eric Meggers	
Bioorganometallic Chemistry and Malaria	155
Christophe Biot and Daniel Dive	

Biomedical Applications of Organometal–Peptide Conjugates	195
Nils Metzler-Nolte	
Organometallic Radiopharmaceuticals	219
Roger Alberto	
Carbon Monoxide: An Essential Signalling Molecule	247
Brian E. Mann	
Index	287

<http://www.springer.com/978-3-642-13184-4>

Medicinal Organometallic Chemistry

Jaouen, G.; Metzler-Nolte, N. (Eds.)

2010, XVIII, 294 p. 179 illus., 11 illus. in color.,

Hardcover

ISBN: 978-3-642-13184-4