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Altri autori (Persone)	SunHongzhe
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Nota di contenuto	Biological Chemistry of Arsenic, Antimony and Bismuth; Contents; List of Contributors; Preface; 1 The Chemistry of Arsenic, Antimony and Bismuth; 2 Arsenic's Interactions with Macromolecules and its Relationship to Carcinogenesis; 3 Biological Chemistry of Antimony and Bismuth; 4 Metallomics Research Related to Arsenic; 5 Arsenic in Traditional Chinese Medicine; 6 Microbial Transformations of Arsenic in Aquifers; 7 Biomethylation of Arsenic, Antimony and Bismuth; 8 Metalloid Transport Systems; 9 Bismuth Complexes of Porphyrins and their Potential in Medical Applications 10 <i>Helicobacter pylori</i> and Bismuth11 Application of Arsenic Trioxide Therapy for Patients with Leukemia; 12 Anticancer Activity of Molecular Compounds of Arsenic, Antimony and Bismuth; 13 Radiobismuth for Therapy; 14 Genetic Toxicology of Arsenic and Antimony; 15 Metalloproteomics of Arsenic, Antimony and Bismuth Based Drugs; Index
Sommario/riassunto	Arsenic, antimony and bismuth, three related elements of group 15, are all found in trace quantities in nature and have interesting biological properties and uses. While arsenic is most well known as a poison - and indeed the contamination of groundwater by arsenic is becoming a major health problem in Asia - it also has uses for the treatment of blood cancer and has long been used in traditional Chinese medicine. Antimony and bismuth compounds are used in the clinic for the treatment of parasitic and bacterial infections. Biological Chemistry of Arsenic, Antimony and Bismuth is an es