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Nota di contenuto	Frontmatter -- Historical Development and Perspectives of the Series / Sigel, Astrid / Sigel, Helmut / Sigel, Roland K. O. -- Preface to Volume 8: Metal Ions in Toxicology: Effects, Interactions, Interdependencies -- Contents -- Contributors to Volume 8 -- Titles of Volumes 1-44 in the Metal Ions in Biological Systems Series -- Contents of Volumes in the Metal Ions in Life Sciences Series -- 1 Understanding Combined Effects for Metal Co-Exposure in Ecotoxicology / Altenburger, Rolf -- 2 Human Risk Assessment of Heavy Metals: Principles and Applications / Dorne, Jean-Lou C. M. / Kass, George E. N. / Bordajandi, Luisa R. / Amzal, Billy / Bertelsen, Ulla / Castoldi, Anna F. / Heppner, Claudia / Eskola, Mari / Fabiansson, Stefan / Ferrari, Pietro / Scaravelli, Elena / Dogliotti, Eugenia / Fuerst, Peter / Boobis, Alan R. / Verger, Philippe -- 3 Mixtures and Their Risk Assessment in Toxicology / Mumtaz, Moiz M. / Hansen, Hugh / Pohl, Hana R. -- 4 Metal Ions Affecting the Pulmonary and Cardiovascular Systems / Corradi, Massimo / Mutti, Antonio -- 5 Metal Ions Affecting the Gastrointestinal System Including the Liver / Naughton, Declan P. / Nepusz, Tamás / Petroczi, Andrea -- 6 Metal Ions Affecting the Kidney / Fowler, Bruce A. -- 7 Metal Ions Affecting the Hematological System / Roney, Nickolette / Abadin, Henry G. / Fowler, Bruce / Pohl, Hana R. -- 8 Metal Ions Affecting the Immune System / Lehmann, Irina / Sack, Ulrich / Lehmann, Jörg -- 9 Metal Ions Affecting the Skin and Eyes / Lansdown, Alan B. G. -- 10 Metal Ions

Affecting the Neurological System / Pohl, Hana R. / Roney, Nickolette / Abadin, Henry G. -- 11 Metal Ions Affecting Reproduction and Development / Apostoli, Pietro / Catalani, Simona -- 12 Are Cadmium and Other Heavy Metal Compounds Acting as Endocrine Disrupters? / Kortenkamp, Andreas -- 13 Genotoxicity of Metal Ions: Chemical Insights / Bal, Wojciech / Protas, Anna Maria / Kasprzak, Kazimierz S. -- 14 Metal Ions in Human Cancer Development / Tokar, Erik J. / Benbrahim-Tallaa, Lamia / Waalkes, Michael P. -- Subject Index

Sommario/riassunto

Volume 8, solely devoted to the toxicology of metals and metalloids as well as their compounds, focuses on human health. Not surprisingly, all related research areas are rapidly developing due to the role of metals and metalloids in the environment, for the work place, for food and water supply, etc. Written by 40 internationally recognized experts, the 14 stimulating chapters provide an authoritative and timely resource for scientists working in the wide range from analytical, physical, inorganic, and environmental biochemistry all the way through to toxicology, physiology, and medicine. Volume 8 highlights, supported by nearly 1900 references, in a comprehensive and timely manner the principles of risk assessment regarding the effects of metals on human health. It examines how metal ions and their compounds affect the pulmonary, cardiovascular, gastrointestinal (including liver), hematological, immune, and neurological systems, the kidney, skin and eyes, as well as human reproduction and development. MILS-8 terminates with the role of metal ions as endocrine disrupters, in genotoxicity, and cancer risk.
