1. Record Nr. UNINA9910791959603321 Zinc in human health [[electronic resource] /] / edited by Lothar Rink Titolo Amsterdam; ; Washington, D.C., : IOS Press, c2011 Pubbl/distr/stampa **ISBN** 6613432946 1-283-43294-3 9786613432940 1-60750-816-8 Descrizione fisica 1 online resource (592 p.) Collana Biomedical and health research, , 0929-6743;; v. 76 Altri autori (Persone) RinkLothar Disciplina 612.3924 Soggetti Zinc in the body Zinc - Therapeutic use Zinc deficiency diseases Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and indexes. Nota di bibliografia Nota di contenuto Introduction and physiological background -- Zinc in health and disease -- Conclusion and perspectives. This comprehensive book provides a state-of-the-art overview of the Sommario/riassunto role of zinc as an essential trace element in human diet and its effect on human health. Since no storage system for zinc exists in the body, humans depend on daily intake and severe zinc deficiency is a problem in the developing world, whilst marginal zinc deficiency is a problem of developed countries. The first three chapters are an introduction to zinc research and its significance in human health. Six chapters follow on the role of zinc in cellular and molecular processes, their

significance for an understanding of zinc b