1. Record Nr. UNINA9910789063803321

Titolo	Health hazards of environmental arsenic poisoning [[electronic resource]] : from epidemic to pandemic / / editors, Chien-Jen Chen, Hung-Yi Chiou
Pubbl/distr/stampa	New Jersey, : World Scientific, 2011
ISBN	1-283-43336-2 9786613433367 981-4291-82-X
Descrizione fisica	1 online resource (254 p.)
Altri autori (Persone)	ChenJianren <1951-> ChiouHung-Yi
Disciplina	615.9/25715
Soggetti	Arsenic - Toxicology Arsenic - Environmental aspects Epidemics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Arseniasis in the world : from endemic to pandemic / Chien-Jen Chen -- Mortality trends in blackfoot-disease-endemic areas of Taiwan / Chun-Yuh Yang -- Skin lesions : hyperpigmentation, hyperkeratosis, and cancer / Chien-Jen Chen -- Arsenics and urothelial carcinoma / Chung-Hsin Chen and Yeong-Shiau Pu -- Arsenic exposure and lung cancer / Chi-Ling Chen -- Blackfoot disease and microcirculation abnormality / Chin-Hsiao Tseng ... [et al.] -- Arsenic-induced carotid atherosclerosis, ventricular repolarization abnormalities, and ischemic heart disease / Chih-Hao Wang -- Arsenic exposure and cerebrovascular disease / Hung-Yi Chiou and Yi-Chen Hsieh -- Arsenic and type 2 diabetes and hypertension in human populations / Shu-Li Wang, Chin-Chiao Tseng, and Chien-Jen Chen -- Association between ingested arsenic and cataracts / Lai-Chu See ... [et al.] -- Neurological disorders from arseniasis / Hung-Pin Tseng -- Arsenic methylation capability and human health / Yu Mei Hsueh, Yung-Kai Huang, and Chi-Jung Chung -- Genetic susceptibility to arsenic-induced health hazards / Ling-I Hsu.

Sommario/riassunto

This book covers the entire spectrum of health effects induced by chronic arsenic poisoning, which is prevalent in more than 30 countries due to the use of unclean underground water, a result of surface water pollution and shortage. This environmental health disaster has been considered more catastrophic than the Chernobyl nuclear plant explosion in the former Soviet Union and the Bhopal chemical plant explosion in India. All contributors to this review volume have done extensive research on arsenic poisoning and published excellent papers in internationally well-known journals. Health Hazards