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ISBN	3-319-17512-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (111 p.)
Collana	SpringerBriefs in Animal Sciences, , 2211-7504
Disciplina	636.08959
Soggetti	Veterinary medicine Pharmacology Ecotoxicology Animal physiology Public health Environmental monitoring Veterinary Medicine/Veterinary Science Pharmacology/Toxicology Animal Physiology Public Health Monitoring/Environmental Analysis
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.
Nota di contenuto	Introduction -- Sources of fluoride toxicity -- Fluoride kinetics and metabolism -- Toxic effects -- Fluoride tolerance -- Fluoride analysis -- Mitigation and prevention of fluorosis.
Sommario/riassunto	This book describes in detail various aspects of fluoride toxicity in animals. Animals, like human beings, suffer from the toxic effects of excess fluoride intake. They show pathological changes in their teeth and bone, together with a marked reduction in appetite, productive and reproductive potentials, which can result in severe economic losses in the dairy industry. Laboratory and wild animals also suffer from this ailment. Animal suffering and economic losses alike can be minimized through early diagnosis of the problem and by adopting suitable preventive and therapeutic measures. The book details the

susceptibility of different animal species, important sources of toxicity, clinical signs and symptoms, pathophysiology, diagnostic methods, preventive and therapeutic approaches. It offers a valuable resource for scientists working in the fields of toxicology, veterinary science, animal nutrition, and environmental science, as well as for public health workers, animal welfare activists, public health veterinarians, field veterinarians, medical professionals and all others interested in the subject.

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