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Titolo Legionella and the prevention of legionellosis / / edited by Jamie

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Soggetti Legionnaires' disease - Prevention

Legionella

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Note generali Description based upon print version of record.

Nota di bibliografia Includes bibliographical references (p. 215-252).

Nota di contenuto Legionellosis -- Ecology and environmental sources of Legionella --

Approaches to risk management -- Potable water and in-building distribution systems -- Cooling towers and evaporative condensers -- Health-care facilities -- Hotels and ships -- Natural spas, hot tubs and swimming pools -- Disease surveillance and public health management of outbreaks -- Regulatory aspects -- Laboratory aspects of Legionella.

Sommario/riassunto Water is the major natural reservoir for legionellae, and the bacteria are

found worldwide in many different natural and artificial aquatic environments, such as cooling towers, water systems in hotels homes, ships and factories, respiratory therapy equipment, fountains misting devices and spa pools. This book provides a comprehensive overview on the sources, ecology and laboratory diagnosis of legionella. Guidance is provided on risk assessment and risk management of susceptible environments. The necessary measures to prevent, or adequately control, the risk from exposure to legionella bacteria are identified for each identified environment. Outbreaks of legionellosis generally cause a high level of morbidity and mortality in the people affected and as such the suspicion of an outbreak warrants immediate action. The policies and practice for outbreak management and the

institutional roles and responsibilities of an outbreak control team are

reviewed. This book will be useful to all those concerned with legionella and health, including environmental and public health officers, health care workers, the travel industry, researchers and special interest groups.