

# Biocontaminants in Occupational Perspectives: Basic Concepts and Methods

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### ABSTRACT

Biological hazards are major occupational hazards concerned with several issues. These hazards are very dangerous and have to be taken seriously by employers and employees. The present chapter deals with the basic concepts, regulatory aspects, and methods related to the prevention of biocontaminants. The center of attraction of this chapter includes focusing on nosocomial infections, Legionnaires' disease, sick building syndrome, etc. The role of engineering, administrative, workplace hazardous material information, personal protective equipment, standard precautions, and ISO standards for avoiding risks to all types of biohazardous material are mentioned in a comprehensive manner.

### 5.1 INTRODUCTION

Biological hazards can enter the body in several ways. When determining the appropriate protective measures, measures are a clear understanding of how the hazards can enter the body (Stetzenbach et al., 2004). It may be through inhalation (breathing), ingestion (swallowing), injection (puncture), and absorption