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Nota di contenuto	Introduction to fungal physiology / Graeme M. Walker and Nia A. White -- Fungal genetics / Malcolm Whiteway and Catherine Bachewich -- Fungal genomics / David Fitzpatrick -- Fungal genetics : a post-genomic perspective / Brendan Curran and Virginia Bugeja -- Fungal proteomics / Sean Doyle and Rebecca Owens -- Fungi as food / Johan Baars -- Pharmaceutical and chemical commodities from fungi / Karina A. Horgan and Richard A. Murphy -- Biotechnological use of fungal enzymes / Shauna M. McKelvey and Richard A. Murphy -- Biotechnological exploitation of heterologous protein production in fungi / Brendan Curran and Virginia Bugeja -- Fungal infections of humans / Derek J. Sullivan, Gary P. Moran, and David C. Coleman -- Immunity to human fungal infections / Mawieh Hamad, Mohammad G. Mohammad, and Khaled H. Abu-Elteen -- Antifungal agents for use in human therapy / Khaled H. Abu-Elteen and Mawieh Hamad -- Fungi in the environment / Richard O'Hanlon -- Fungal pathogens of plants -- Fungal pathogens of plants / Fiona Doohan and Binbin Zhou.