

LIVROS — BOOK REVIEW

EVANS, E. G. V. & RICHARDSON, M. D. — *Medical Mycology: a practical approach*. Oxford, IRL Press at Oxford University Press, 1989. 300p. ilus. 23 cm. (Practical Approach Series; Series Editors: R. Rickwood & B. D. Hames)

Increased recognition of the role of fungal infections in human disease has created an increasing demand for specialist mycological knowledge in clinical Microbiology laboratories. *MEDICAL MYCOLOGY: A PRACTICAL APPROACH* provides sufficient, detailed practical methods to assist in the laboratory diagnosis and management of mycotic infections and in the identification of the causal fungi. Since mycotic infections in patients are often difficult to diagnose and treat, this book is therefore an essential requirement for any hospital, diagnostic or research laboratory, which may lack such specialist knowledge. This book will also be useful to trainees in Medical Microbiology and Infectious Diseases at all levels and is an essential text for courses in diagnostic Medical Mycology.

Subjects covered include guidelines on laboratory diagnosis; methods for collecting and handling specimens; direct microscopy of clinical specimens; culture and isolation of fungi; yeasts; identification of agents of superficial, subcutaneous and systemic mycoses; recognition of common culture contaminants; methods for preserving fungi; serodiagnosis; antifungal sensitivity tests and assays; histopathological techniques.

PEBERDY, J. F., ed. — *Penicillium and acremonium*. New York, Plenum Press, 1987. 297 p. ilus. 23 cm. (Biotechnology Handbooks; Series Editors: Tony Atkinson & Roger F. Sherwood).

Com a contribuição de vários pesquisadores ingleses, John F. Peberdy, da Universidade de Nottingham (Inglaterra) coordenou a publicação do presente volume, destinado principalmente a biotecnólogos, capazes de manipular *in vitro* o material genético como a todos os organismos. Inicialmente, os gêneros *Penicillium* e *Acremonium* (= *Cephalosporium*) são estudados do ponto de vista taxonômico com a apresentação de chaves para a sua classificação. A morfologia e a fisiologia dos mesmos, a genética, a biossíntese de penicilinas e "cefalosporinas", o estudo dos metabólicos secundários e as enzimas extracelulares são tratadas de modo excelente, seguindo-se leituras complementares ou adicionais.

As formas sexuadas de *Penicillium* são estudadas, tais como *Eupenicillium* e *Talaromyces*. O livro destina-se principalmente a biotecnologistas.

Prof. Carlos da Silva Lacaz