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Título: The Aspergilli. Genomics, Medical Aspects, Biotechnology, And Research Methods

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Sinopsis

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With high-quality genome sequences for the important and ubiquitous Aspergilli now available, increased opportunities arise for the further understanding of its gene function, interaction, expression, and evolution. The Aspergilli: Genomics, Medical Aspects, Biotechnology, and Research Methods provides a comprehensive analysis of the research that reveals the main biological attributes of these species. The co-editors are a particularly proficient and prolific pair with long track records of scientific productivity.

The book sets the stage with a discussion of basic biology, examining the data on the structure of genomes and comparing the genetic map and annotation methodology. It includes a comparison of metabolic abilities among different *Aspergillus* spp. and other species, then covers areas such as comparative biology, pathogenic properties, and metabolic capabilities of the Aspergilli. The book reviews established techniques and new methodologies for the post-genomic era in *Aspergillus* spp. It comes with a CD containing color illustrations to supplement the text.

Filling the need for centralized information on a genus that has important economic impacts on agriculture, human health, industry, and pharmacology, the book presents a wide range of data, collected and arranged into one convenient resource. Written by a team of international experts, this is the first in-depth and exhaustive analysis of the genomics of the Aspergilli.

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