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Altri autori (Persone)	TanBenny K-H BayBoon-Huat ZhuYi-Zhun
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REFERENCES
 Potential and Challenges
 ; INTRODUCTION ; REFERENCES ; 3. Structural
 Studies of Drug Metabolising Enzymes and the Relevance to Natural
 Product Development
 ; INTRODUCTION ; THE IMPORTANCE OF DRUG METABOLISM
 IN DRUG DEVELOPMENT
 CYTOCHROME P450 (CYP) ENZYMES ARYLAMINE
 N-ACETYLTRANSFERASE (NAT) ;
 CONCLUSION ; ACKNOWLEDGEMENT ;
 REFERENCES ; 4. Bioinformatics-Species Diversity Databases:
 Tools for Facilitating Natural Product Research
 ; INTRODUCTION ; WHAT IS BIOINFORMATICS?
 ; WHAT ARE THE SUB-DISCIPLINES?
 DATA-CENTERED VIEW TECHNOLOGY-CENTERED VIEW
 ; WHAT UNIFYING FRAMEWORKS CAN BE FOUND FOR BIOLOGICAL
 DATASETS? ; CONCLUSION
 ; REFERENCES ; 5. From Genomes to Drugs with
 Bioinformatics ; INTRODUCTION
 ; SEQUENCE ANALYSIS ; SEQUENCE COMPARISON
 ; FINDING PARTICULAR SEQUENCE PATTERNS
 PROTEIN STRUCTURE PREDICTION

Sommario/riassunto

There is continuing interest in natural products as sources of
 potentially new and exciting chemical compounds. This book brings
 together the knowledge, perspectives and research findings of a varied
 group of scientists on a wide range of topics, from microarrays,
 genetics and bioinformatics to yeast-based technologies and enzyme
 studies. Scientists and clinicians in life science research will find useful
 information on new research techniques and tools. For the agriculturist,
 there is interesting information on the potential and problems of
 natural-based pesticides. The cancer researcher will