



Chemoinformatics: Concepts, Methods, and Tools for Drug Discovery (Hardback)

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Humana Press Inc., United States, 2004. Hardback. Condition: New. 2004 ed.. Language: English . Brand New Book ***** Print on Demand *****. In the literature, several terms are used synonymously to name the topic of this book: chem-, chemi-, or chemo-informatics. A widely recognized de- nition of this discipline is the one by Frank Brown from 1998 (1) who defined chemoinformatics as the combination of all the information resources that a scientist needs to optimize the properties of a ligand to become a drug. In Brown s definition, two aspects play a fundamentally important role: de- sion support by computational means and drug discovery, which distinguishes it from the term chemical informatics that was introduced at least ten years earlier and described as the application of information technology to ch- istry (not with a specific focus on drug discovery). In addition, there is of course chemometrics, which is generally understood as the application of statistical methods to chemical data and the derivation of relevant statistical models and descriptors (2). The pharmaceutical focus of many developments and efforts in this area-and the current popularity of gene-to-drug or si- lar paradigms-is further reflected by the recent introduction of such terms as discovery informatics...



Reviews

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Createspace Independent Publishing Platform, United States, 2015. Paperback. Book Condition: New. Professor of Modern English Literature Peter Childs (illustrator). 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. Owen is a little Owl who has woken up...



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SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English. Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts his life to the test and reports...



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