

Reconstruction and Analysis of Biological Networks PDF



Khalid Raza

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Reconstruction and Analysis of Biological Networks by Khalid Raza ISBN 3659773808

The rapid advancement in high-throughput techniques for measuring biological data has shifted the attention of research community from a reductionist view to a more complex understanding of biological system. The enriched understanding about genomes of various organisms, together with advancement in microarray and next-generation sequencing technologies, fuelled the researchers for the development of computational and mathematical model of biological networks. The discovery of regulatory networks leads to a wide range of applications, such as pathways related to a disease can unveil in what way the disease acts and provide novel tentative drug targets. In addition, it can also help to predict the responses to disease and can be much useful for the novel drug development and treatments. This book presents introductory concepts of high-throughput techniques, biological networks, soft computing techniques, and shows the application of

computational approaches for the reconstruction and analysis of biological networks. In addition, it also suggests current challenges and future research directions in the area. I hope this book would be quite helpful for new scholars and researchers.

Reconstruction and Analysis of Biological Networks Review

This Reconstruction and Analysis of Biological Networks book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is actually information inside this reserve incredible fresh, you will get information which is getting deeper an individual read a lot of information you will get. This kind of Reconstruction and Analysis of Biological Networks without we recognize teach the one who looking at it become critical in imagining and analyzing. Don't be worry Reconstruction and Analysis of Biological Networks can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it inside your lovely laptop even cell phone. This Reconstruction and Analysis of Biological Networks having great arrangement in word and layout, so you will not really feel uninterested in reading.