

# METHODS IN MOLECULAR BIOLOGY

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# Cancer Gene Networks

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## **Preface**

In recent years, the application of systems biology to increase our understanding of cancer has led to the integration of a variety of the state-of-the-art high-throughput and multidisciplinary tools and workflows. These advances have begun to reveal further some of the complexity, and the dynamic nature, of gene networks and signaling pathways that vary from tumor to tumor and also during the course of the disease. In this volume, a wide range of topics contributed by leading experts in the fields of cancer systems biology and therapeutics, medical bioinformatics, and computational biology offer both technical and methodological guidance and expert insights into many aspects associated with the study of cancer gene networks. Hence, this book provides a valuable and timely resource for a broad audience with interests in basic and translational cancer biology, cancer drug development, as well as in the practice of oncology.

*Washington, DC, USA*

*Usha Kasid  
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