



Humana

1st  
edition

2007, XVI, 358 p. 60 illus.

**Printed book**

Hardcover

**Printed book**

Hardcover

ISBN 978-1-58829-504-0

\$ 179,00

Available

**Discount group**

Medical (6)

**Product category**

Contributed volume

**Series**

Methods in Molecular Biology

**Other renditions**

Softcover

ISBN 978-1-61737-605-4

**Medicine : Oncology**

Fisher, Paul B. (Ed.), Virginia Commonwealth University School of Medicine, Richmond, VI, USA

# Cancer Genomics and Proteomics

**Methods and Protocols**

- A compendium of techniques and applications in gene identification and function
- Approaches described in detail are state-of-the art and can be tailored to individual ongoing or planned research projects

Cancer Genomics and Proteomics: Methods and Protocols provides a compendium of techniques and applications that will be of profound use to researchers interested in gene identification and function. The approaches described in this volume are state-of-the-art and may be tailored to ongoing individual or planned research projects. Reviews are written by experts in specific aspects of gene identification and full-length gene cloning, gene profiling (microarrays), chromatin modification of gene regulation, bacterial artificial chromosomes, cancer cytogenetic analyses, and gene methylation. Chapters also discuss topics such as phage display, yeast and mammalian two-hybrid systems, RNA silencing, monoclonal antibody production, kinases and signal transduction, PKR, analyses of mouse embryo fibroblasts, protein microarrays, and protein crystallization. Cancer Genomics and Proteomics: Methods and Protocols will be of interest to molecular biologists, geneticists, cell biologists, and biochemists involved in studying genes associated with and regulating important physiological processes. This volume will serve as a valuable laboratory resource for designing experiments to identify and analyze genes that are relevant to complex biological phenomena.

**Order online at [springer.com/booksellers](http://springer.com/booksellers)****Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

[customerservice@springernature.com](mailto:customerservice@springernature.com)

ISBN 978-1-58829-504-0 / BIC: MJCL / SPRINGER NATURE: SCH33160

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**