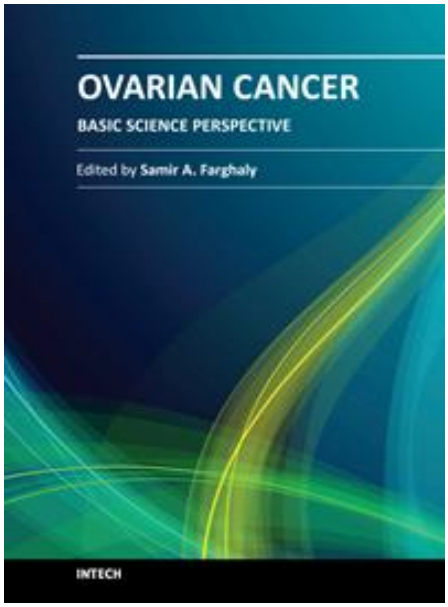
Ovarian Cancer - Basic Science Perspective



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Worldwide, Ovarian carcinoma continues to be responsible for more deaths than all other gynecologic malignancies combined. International leaders in the field address the critical biologic and basic science issues relevant to the disease. The book details the molecular biological aspects of ovarian cancer. It provides molecular biology techniques of understanding this cancer. The techniques are designed to determine tumor genetics, expression, and protein function, and to elucidate the genetic mechanisms by which gene and immunotherapies may be perfected. It provides an analysis of current research into aspects of malignant transformation, growth control, and metastasis. A comprehensive spectrum of topics is covered providing up to date information on scientific discoveries and management considerations.

Book Contents

- Chapter 1 **Epidemiology and Etiology of Ovarian Cancer**
- Chapter 2 **Inflammation and Ovarian Cancer**

جهت دریافت فایل پی دی اف کتاب و یا ارائه هر گونه نظر، انتقاد و پیشنهاد می توانید با پست الکترونیکی (mehdiemr@gmail.com) مکاتبه نمائید.

- Chapter 3 **Photonic Sensor System for Screening Serum Biomarker Proteins in Ovarian Cancer**
- Chapter 4 **The Role of MUC16 Mucin (CA125) in the Pathogenesis of Ovarian Cancer**
- Chapter 5 **Apoptosis Pathways in Ovarian Cancer**
- Chapter 6 **Oncogenic Pathway Signatures and Survival Outcome**
- Chapter 7 **Dysregulated TGFB Signaling in Ovarian Cancer**
- Chapter 8 **New Tumor Biomarkers in Ovarian Cancer and Its Prognostic and Clinical Relevance**
- Chapter 9 **Sensitive Detection of Epithelial Ovarian Cancer Biomarkers Using Tag-Laser Induced Breakdown Spectroscopy**
- Chapter 10 **Homeobox Genes and Their Functional Significance in Ovarian Tumorigenesis**
- Chapter 11 **Transcriptomic Analysis of Human Ovarian Cancer Cells: Changes Mediated by Luteinizing Hormone Receptor Activation**
- Chapter 12 **Potential Tumor Biomarkers for Ovarian Cancer**
- Chapter 13 **Ectoenzymes in Epithelial Ovarian Carcinoma: Potential Diagnostic Markers and Therapeutic Targets**
- Chapter 14 **P53 Network in Ovarian Cancer**
- Chapter 15 **Gene Amplification in Ovarian Carcinomas: Lessons from Selected Amplified Gene Families**
- Chapter 16 **Nitric Oxide/Protein Kinase G-Iα Promotes c-Src Activation, Proliferation and Chemoresistance in Ovarian Cancer**
- Chapter 17 **VEGF Targeting Agents in Ovarian Cancer**
- Chapter 18 **Autotaxin – A Target for the Treatment of Drug-Resistant Ovarian Cancer?**
- Chapter 19 **Potential Monoclonal Antibody Therapy for the Treatment of Ovarian Cancer**

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