

## CONTENTS

1.	<b>Estrogen Receptor Signaling in Breast Cancer</b> Prakash Bansode	1-29
2.	<b>Exploring The Signaling Pathways That Regulate Prostate Cancer</b> Mohamed Suhail N and Ashok Kumar Pandurangan	30-56
3.	<b>Role of Autophagy in Anticancer Research</b> Barbi Gogoi and S. P. Saikia	57-74
4.	<b>Epithelial-To-Mesenchymal Transition (EMT), A Latent Conflict on Cancer</b> Thushara Thulaseedharan L and Hafeef Roshan K T	75-88
5.	<b>Hypoxia And Cancer Metabolism</b> A. Bharath kumar, Umashankar Marakanam Srinivasan, Ashok Kumar Pandurangan	89-105
6.	<b>The Pathological and Molecular Alterations in Lung Cancer</b> Veena Priyadharini and Ashok Kumar Pandurangan	106-123
7.	<b>The role of Galectin-3 in breast cancer and its association with metastasis</b> Gokul S and Ashok Kumar Pandurangan	124-133
8.	<b>Estrogen Receptor Signaling as A Target for Novel Breast Cancer Therapeutics</b> Mohammad Salman Akhtar, Naseem Akhter, Arshi Talat and Abrar Ahmad	134-159
9.	<b>The Potential of Hypoxia Targeted Cancer Cell Therapy and Its Molecular Mechanism</b> K.R.Padma	160-177
10.	<b>Inflammatory Breast Cancer: Molecular Mechanism and Future Medical Insights</b> Haripriya Kumaravel and Ashok Kumar Pandurangan	178-193