

## Book Chapters published from TBT Lab, BHU

S. No.	Title	Author's Name	Publisher	Year
1.	The PI3K/Akt Signaling Pathway (Title of book: Concepts in cell signalling. Chapter 11.)	Sonker P, Kumar S, <b>Ajay Kumar*</b>	Agri-biovet press, NewDelhi, (ISBN 978-93-84502-47-2)	2017
2.	Toll-like Receptor Signaling (Title of book: Concepts in cell signalling. Chapter 12.)	<b>Ajay Kumar*</b>	Agri-biovet press, NewDelhi, (ISBN 978-93-84502-47-2)	2017
3.	Glycolysis (Title of book: carbohydrate metabolism: theory and practical approach. Chapter 2.)	Jaiswara P, <b>Ajay Kumar*</b>	Nova Science Publishers,New York, NY (ISBN 978-1-53612-908-3	2017
4.	Diseases associated with carbohydrate metabolism, (Title of book: carbohydrate Metabolism: theory and practical approach. Chapter 10.)	Sonker P, <b>Ajay Kumar*</b>	Nova Science Publishers,New York, NY (ISBN 978-1-53612-908-3).	2017
5.	Phytochemicals in clinical studies: Current perspective (Title of book: Functional Food and Human Health.Chapter 21.)	Kumar S, Kumar D, Bhat A, <b>Ajay Kumar*</b>	Springer India (Pvt.) Ltd.,New Delhi, India	2018
6.	Bioactive lipids: their synthesis, biological functions and role in diseases (Title of book: Secondary metabolite and functional food components: Role in health and disease. Chapter 11)	Jaiswara P, Gupta VK, <b>Ajay Kumar*</b>	Nova Science Publishers,New York, NY (ISBN 978-1-53613-186-4).	2018
7.	Bioactive peptides (Title of book: Secondary metabolite and functional food components: Role in health and disease. Chapter 12.)	Vasim M, KumarS, <b>Ajay Kumar*</b>	Nova Science Publishers, New York, NY (978-1-53613-186-4)	2018
8.	Reprogramming of Tumor Associated Immune Cells by Phytochemicals: In Vitro Approaches for Cancer Treatment (Title of book: Phytochemistry: An in-silico and in-vitro Update. Chapter 4.)	Jaiswara PK, Gupta VK, Rawat SG, Sonker P, <b>Ajay Kumar*</b>	Springer Nature (Pvt.) Ltd.	2019
9.	Adjunct Therapeutic Potential of Phytochemicals Against Cancer (Title of book: Phytochemicals as Lead Compounds for New Drug Discovery. Chapter 7.)	Gupta VK, Jaiswara PK, Sonker P, Rawat SG, <b>Ajay Kumar*</b>	Elsevier (Pvt.) Ltd.	2019
10.	Targeting of Aerobic Glycolysis: An Emerging Therapeutic Approach Against Colon Cancer (Title of book: Colon Cancer Diagnosis and TherapyVol2. Chapter 11.)	Jaiswara PK, Gupta VK, Rawat SG, Tiwari RK, Sonker P, Maurya RP, <b>Ajay Kumar*</b>	Springer Nature (Pvt.) Ltd	2021
11.	Immune Response and Oxidative Stress in Obesity-Induced Cancer (Title of book: Obesity and Cancer. Chapter 6.)	Jaiswara PK, Pratihtha Sonker, <b>Ajay Kumar*</b>	Springer Nature (Pvt.) Ltd.	2021
12.	Resveratrol as anti-obesity and anticancer agent (Title of book: Obesity and cancer; Chapter 10.)	Gupta VK, Sonker P, <b>Ajay Kumar*</b>	Springer Nature (Pvt.) Ltd	2021

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13.	EGCG as Anti-Obesity and Anticancer Agent (Title of book: Obesity and Cancer. Chapter 11)	Rawat SG, Tiwari RK, Pratishta Sonker, Maurya RP, Vishvakarma NK, and <b>AjayKumar*</b>	Springer Nature (Pvt.) Ltd.	2021
14.	Role of Tumour-Associated Macrophages in Colon Cancer Progression and Its Therapeutic Targeting (Title of book: Colon Cancer Diagnosis and Therapy Vol. 3. Chapter 10)	Arundhati Mehta, Vivek Kumar Soni, Yashwant Kumar Ratre, AjayAmit, Dhananjay Shukla, <b>Ajay Kumar</b> , and Naveen Kumar Vishvakarma	Springer Nature (Pvt.) Ltd.	2022
15.	Clinical applications of noncoding RNAs in lung cancer patients (Title ofBook: Clinical application of non-coding RNAs in cancer, Chapter 5)	Santosh Kumar, Naveen Kumar Vishvakarma, and <b>Ajay Kumar*</b>	Elsevier (Pvt.) Ltd.	2022
16.	Curcumin: a spice pigment against hepatic cancer (Title of book: Theranostics and precision medicine for the management of hepatocellular carcinoma Vol. 3. Chapter 10)	Vivek Kumar Soni, Yashwant Kumar Ratre, Arundhati Mehta, Ashwini Kumar Dixit, Mrigendra Dwivedi, Dhananjay Shukla, <b>Ajay Kumar</b> , and Naveen Kumar Vishvakarma	Elsevier (Pvt.) Ltd.	2022
17.	Tumor-associated macrophages in prostate cancer: role in progression and therapy (Title of Book: Immunological Implications and Molecular Diagnostics of Genitourinary Cancer. Chapter 11)	Arundhati Mehta, Shiv Govind Rawat, Yashwant Ratre Kumar, Vivek Soni Kumar, Dhananjay Shukla, <b>Ajay Kumar</b> , Naveen Kumar Vishvakarma	Elsevier (Pvt.) Ltd.	2023

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