

Watson Crick Centre for Molecular Medicine, IUST



List of Publications from 2020-2024

Last updated: 20/07/2024

Total Publications: 48

1. Dagar G, Gupta A, Shankar A, Chauhan RC, ***Macha MA***, Bhat AA, Das D, Goyal R, Bhorawal S, Pandita TK, Prasad CP, Sarkar PS, Pandita T and Singh M (2024). The future of cancer treatment: Combining radiotherapy with immunotherapy. **Frontiers of Molecular Biosciences**.
2. Rasool I, Hussain A, Assad A, Masoodi TA, Bhat MR, ***Macha MA*** (2024). A weakly supervised deep learning approach for guiding ovarian cancer treatment in prognosis: gigapixel histopathology analysis for personalized therapeutic response. **Int J Syst Assur Eng. Manag.** doi.org/10.1007/s13198-024-02390-z
3. Chauhan R, Malhotra L, Gupta A, Dagar G, Mendiratta M, Masoodi T, Hashem S, Al Marzooqi S, Das D, Uddin S, Ethayathulla AS, ***Macha MA***, Akil AA, Sahoo RK, Rai E, Bhat AA and Singh M (2023). Bergenin inhibits the growth of human cervical cancer cells by decreasing Galectin-3 and MMP-9 expression. **Scientific Reports. 3;14(1):15287.** [PMID: 38961106.](https://pubmed.ncbi.nlm.nih.gov/38961106/)
4. Shah A, Jahan R, Kisling SG, Atri P, Natarajan G, Nallasamy S, Cox JL, ***Macha MA***, Sheikh I, Ponnusamy MP, Kumar S, Batra SK (2024). Secretory Trefoil Factor 1 (TFF1) promotes gemcitabine resistance through chemokine receptor CXCR4 in Pancreatic Ductal Adenocarcinoma. **Cancer Letters. 2:217097.** [PMID: 38964729.](https://pubmed.ncbi.nlm.nih.gov/38964729/)
5. Ahangar AB, Aalam SW, Assad A, ***Macha MA***[§], Bhat MR[§] (2024). Assessing glioma grading with self-attention: comparative analysis of the diagnostic potential of different MRI sequences. **Int J Syst Assur Eng. Manag.** **§Corresponding author.** doi.org/10.1007/s13198-024-02401-z
6. Chauhan R, Gupta A, Dagar G, Sharma S, Sadida HQ, Hashem S, Verghese AM, Tanwar M, ***Macha MA***, Uddin S, Akil AAS, Pandita TK, Bhat AA, Singh M (2024). Role of lamins in cellular physiology and cancer. **Advances in Protein Chemistry and Structural Biology.**
7. Khan IR, Sadida HQ, Hashem S, Singh M, ***Macha MA***, Akil AAS, Khurshid I[§] and Bhat AA[§] (2024). Therapeutic Implications of Signaling Pathways and Tumor Microenvironment Interactions in Esophageal Cancer. **Biomedicine & Pharmacotherapy. 5;176:116873.** [PMID: 38843587.](https://pubmed.ncbi.nlm.nih.gov/38843587/)
8. Ahangar AB, Aalam SW, Assad A, ***Macha MA***[§], Bhat MR[§] (2024). AlzhiNet: An Explainable Self-Attention Based Classification Model to Detect Alzheimer from 3D Volumetric MRI Data. Accepted in **Int J Syst Assur Eng. Manag.** **§Corresponding author.** doi.org/10.1007/s13198-024-02377-w
9. Aalam SW, Ahanger AB, Assad A, ***Macha MA***[§], Bhat MR[§] (2024). Noninvasive prediction of metastasis in esophageal cancer using ensemble-based feature selection. **Int J Syst Assur Eng Manag, Page 1-11.** doi.org/10.1007/s13198-024-02327-6
10. Aalam SW, Ahanger AB, Majeed T, Ahange AN, Masoodi TA, Bhat AA, Assad A, ***Macha MA***[§], Bhat MR[§] (2024). Deep Learning-Based Identification of Esophageal Cancer Subtypes through Analysis of High-Resolution Histopathology Images. **Front. Mol. Biosci. 11:1346242** **§Corresponding author.** [PMID: 38567100.](https://pubmed.ncbi.nlm.nih.gov/38567100/)
11. Bhat GR, Sethi I, Sadida HQ, Rah B, Mir R, Algehainy N, Albalawi IA, Masoodi T, Subbaraj GK, Jamal F, Singh M, Kumar R, ***Maha MA***, Uddin S, Akil AAS, Haris M, Bhat AA (2024). Cancer Cell Plasticity: From Cellular, molecular, and Genetic Mechanisms to Tumor Heterogeneity and Drug Resistance. **Cancer and Metastasis Reviews. 43(1):197-228** [PMID: 38329598.](https://pubmed.ncbi.nlm.nih.gov/38329598/)

12. Kumar MA, Baba SK, Sadida HQ, Marzooqi SA, Jerobin J, Altemani FH, Algehainy N, Alanazi MA, Rakesh Kumar R, Akil AAS, ***Macha MA***, Rashid Mir*, Bhat. AA* (2024). Extracellular vesicles as tools and targets in therapy for diseases. **Signal Transduction and Targeted Therapy**. 5;9(1):27. [PMID: 38311623](#).
13. Jan N, Sofi S, H Qayoom H, Shabir A, Haq BU, ***Macha MA***, Mir MA (2024). Metronomic chemotherapy and drug repurposing: a paradigm shift in oncology. **HELIYON**. 14;10(3):e24670. [PMID: 38314272](#).
14. Gupta A, Dagar G, Das D, Chakraborty A, Haque S, Prasad CP, Singh A, Bhat AA , ***Macha MA***, Benali M, Saini KS, Previs RA, Saini D, Saha D, Dutta P, Bhatnagar AR, Darswal M, Shankar A, Mishra A, Singh M (2023). CAR-T Cell Therapy in Multiple Myeloma: B Cell Maturation Antigen (BCMA) and Beyond. **Vaccines (Basel)**. 16;11(11):1721. [PMID: 38006053](#).
15. Sadida HQ, Abdulla A, Marzooqi SA, Hashem S, ***Macha MA***; Akil AAS, Bhat AA (2023). Epigenetic Modifications: Key Players in Cancer Heterogeneity and Drug Resistance. **Transl Oncol**. 2023 4;39:101821. [PMID: 37931371](#).
16. Bhat GR, Jamwal R, Sethi I, Bhat A, Shah R, Verma S, Sharma M, Sadida HQ, Marzooqi SKA, Masoodi T, Mirza S, ***Macha MA***, Akil AAS, Kumar R, Bhat AA (2023). Associations between Telomere Attrition, Genetic Variants in Telomere Maintenance Genes, and Non-Small Cell Lung Cancer Risk in the Jammu and Kashmir Population of North Indi, North India. Accepted with minor comments in **BMC Cancer**. 18; 23 (1):874. [PMID: 37718447](#).
17. Bernabeua M, Gharibzahedib SMT, Dar BN, ***Macha MA***, Ganaie AA, Castagnini JM, Warrington Y, Martínez AJM, Altintas Z, Collado MC, Barba FJ (2023). The potential modulation of gut microbiota and oxidative stress by dietary carotenoid pigments. **Critical Reviews in Food Science and Nutrition**. 10:1-19. [PMID: 37691412](#).
18. ***Macha MA***, Hamdy NM, Shen Z (2023). Editorial: Emerging Therapeutic Targets, Potential Diagnostic or Prognostic markers for Colorectal Cancer. **Frontiers in Oncology-Gastrointestinal Cancers: Colorectal Cancer**.
19. Baba SK, Baba SK, Mir R, Elfaki I, Ullah MF, Barnawi J, Altemani FHA, Alenezi M, Mustafa SK, Masoodi T, Bhat AA, ***Macha MA***[§] (2023). Long non-Coding RNAs Modulate Tumor Microenvironment to Promote Metastasis: Novel Avenue for Therapeutic Intervention. **Front Cell Dev Biol**. 13;11:1164301. [§]**Corresponding author**. [PMID: 37384249](#)
20. Dagar G, Gupta A, Masoodi T, Nisar S, Merhi M, Marzooqi SA, Chauhan R, Dagar M, Mirza S, Bagga P, Haris M, Reddy R, Akil AAS, ***Macha MA***, Uddin S, Singh M and Bhat AA (2023). Harnessing the Power of CAR-T Cell Therapy: Progress, Challenges, and Future Directions. **J Transl Med**. 7;21(1):449. [PMID: 37420216](#).
21. Chauhan R, Gupta A, Malhotra L, Pandita RK, Masoodi T, Sharma T, Dagar G, Batra A, Mriza S, Sharma MC, Haris M, Tanwar P, Samath EA, Uddin S, ***Macha MA***, Bhat AA, Pandita TK and Singh M (2023). Ubiquitin Specific Peptidase 37 and PCNA interaction promotes Osteosarcoma pathogenesis by modulating replication fork progression. **Journal of Translational Medicine** 21(1):286. [PMID: 37118828](#).
22. Farooq M, Bhat GR, Besina S, Thakur N, Zahoor S, Rather RA, Mushtaq I, Dar S, Rah B, Bhat AA, ***Macha MA***, Dil Afroze (2023). Expression of HIF-1 α and Markers of angiogenesis and metabolic adaptation in molecular subtypes of Breast Cancer. **Translational Medicine and Communications**. 8;1-13.
23. Kumar DP, Manu KA, ***Macha MA*** (2022). Editorial: The role of non-coding RNAs in gastrointestinal cancer. **Front Oncol**. 8;12:1056897. [PMID: 36425552](#).
24. Bhat AA, Nisar S, Mukherjee S, [#]Saha N, [#]Yarravarapu N, [#]Lone SN, Masoodi T, Chauhan R, Hashem S, Bagga Pt, Reddy R, Bedognetti D, Uddin S, El-Rifai W, [§]Singh M, [§]***Macha MA***, [§]Haris M (2022). Integration of CRISPR/Cas9 with artificial intelligence for improved cancer therapeutics. **J Transl Med**. 18;20(1):534. [§]**Corresponding authors**. [PMID: 36401282](#).

25. #Nisar S, Masood T, #Prabhu KS, #Kuttikrishnan S, Zarif L, Khatoon S, Ali S, Uddin S, Akil A. Al-S, Singh M[§], ***Macha MA***[§], Bhat AA[§] (2022). Natural Products as Chemo-Radiation Therapy Sensitizers in Cancer. **Biomed Pharmacother.** **154:113610.** **§Corresponding author.** [PMID: 36030591.](#)
26. Bhat AA, Nisar S, Singh M, Ashraf B, Masoodi T, Karedath T, Maacha S, Prasad CP, Sharma A, Hashem S, Frenneaux MP, Grivel JC, Rifai WE, Bedognetti D, Dhawan P, [§]Haris M, and [§]***Macha MA*** (2022). Cytokine and Chemokine Induced Inflammatory Colorectal Tumor Microenvironment: Emerging Avenue for Targeted Therapy. **Cancer Communications (Lond)**, **42(8):689-715.** **§Corresponding author.** [PMID: 35791509.](#)
27. Hashem S, Nisar S, Al-Mannai S, Sageena G, Azeez L, Yadav SK, Muralitharan S, Al-Naem H, Uddin S, Haris M, [§]***Macha MA***, [§]Bhat AA. Targeting Novel Cancer Signaling Crosstalk's by Natural Products: Avenues for Inhibiting Carcinogenesis (2022). **Biomedicine & Pharmacotherapy.** **150:113054.** **§Corresponding author.** [PMID: 35658225.](#)
28. Chaudhary S, Lakshmanan I, Ganti AK, ***Macha MA***, Batra SK (2022). Comment on "Dual blockade of EGFR and CDK4/6 delays head and neck squamous cell carcinoma progression by inducing metabolic rewiring". **Cancer Lett. (527):193-194.** [PMID: 35115095.](#)
29. Lone SN, Nisar S, Masoodi T, Singh M, Rizwan A, El-Rifai W, Batra SK, Haris M, [§]Bhat AA and [§]***Macha MA*** (2022). Liquid Biopsy: A Step Closer to Transform Diagnosis, Prognosis and Future of Cancer Treatments. **§Corresponding author.** **Molecular Cancer.** **21(1):79.** [PMID: 35303879.](#)
30. Mehraj U, Mushtaq U, Mir MA, Saleem A, ***Macha MA***, Lone MN, Hamid A, Zargar MA, Ahmad SM, and Wani NA (2022). Chemokines in Triple-Negative Breast Cancer Heterogeneity: New Challenges for Clinical Implications. **Semin Cancer Biol.** **86(Pt 2):769-783.** [PMID: 35278636.](#)
31. Chauhan R, Bhat AA, Masoodi T, Sheikh ZA, ***Macha MA***, Haris M, and Singh M (2021). Ubiquitin specific peptidase 37 (USP37), An important cog in oncogenic machinery of a cancerous cell. **J Exp Clin Cancer Res**, **10;40(1):356.** [PMID: 34758854.](#)
32. Vengoji R, Atri P, ***Macha MA***, Seshacharyulu P, Perumal K, Liu Y, Smith LM, Rachagani S, Mahapatra S, Ponnusamy MP, Jain M, Batra SK and Shonka NA (2021). Differential gene expression-based connectivity mapping identified novel drug candidate and improved Temozolomide efficacy for Glioblastoma. **Journal of Experimental & Clinical Cancer Research.** **25;40(1):335.** [PMID: 34696786.](#)
33. Meraj U, Ganai RA, ***Macha MA***, Hamid A, Zargar MA, Bhat AA, Nasser WM, Haris M, Batra SK, Alshehri B, Al-Baradie RS, Mir MA and Wani NA (2021). Tumor Microenvironment as Driver of Stemness and Therapeutic Resistance in Breast Cancers: New Challenges and Therapeutic Opportunities. **Cellular Oncology (Dordr).** **44(6):1209-1229.** [PMID: 34528143.](#)
34. Lone NS, Bhat AA, Wani NA, Karedath T, Hashem S, Nisar S, Singh M, Bagga P, Das BC, Bedognetti D, Reddy R, Frenneaux MP, El-Rifai W, Siddiqi MA, Haris M[§] and ***Macha MA***[§], (2021). miRNAs as Novel Immune System Regulators in Cancer. **Semin Cell Dev. Biol.** **26:S1084-9521(21)00086-0** **§Corresponding author.** [PMID: 33926791.](#)
35. Chaudhary S, Pothuraju R, Rachagani S, Siddiqui JA, Atri P, Mallya K, Nasser MW, Sayed Z, Lyden ER, Smith L, Gupta SD, Ralhan R, Lakshmanan I, Jones DT, Ganti AK[§], ***Macha MA***[§], Batra SK[§] (2021). Dual targeting EGFR and CDK4/6 Delays Head and Neck Squamous Cell Carcinoma Progression in Genetically Engineered Mouse Model by Inducing Metabolic Rewiring **Cancer Letters** **10(510):79-92** **§Corresponding author.** [PMID: 33878394.](#)
36. Nisar S, Yousuf P, Wani NA, Hashem S, Singh M, Sageena G, Mishra D, Harris M, Bhat AA[§] and ***Macha MA***[§] (2021). Chemokine Cytokine Networks in the Head and Neck Tumor Microenvironment. **Int J Mol Sci.** **22(9)4584:1-23** **§Corresponding author.** [PMID: 33925575.](#)
37. Nisar S, Bhat AA, Singh M, Karedath T, Rizwan A, Yadav SK, Hashem S, Bagga P, Reddy R, Jamal F, Uddin S, Chand G, El-Rifai W, Frenneaux MP, ***Macha MA***, Ahmed I, Haris M

- (2021). Insights into the role of circRNAs: biogenesis, characterization, functional and clinical impact in human malignancies. **Front Cell Dev Biol.** 5; 9:617281. [PMID: 33614648.](#)
38. Bhat AA[§], Nisar S, Macha S, Carneiro-Lobo TC, Akhter S, Siveen KS, Hashem S, Wani NA, Uddin S, Siddiqui MA, Frenneaux MP, Bedognetti D, El-Rifai W, ***Macha MA***[§] and Haris M[§] (2021). Chemokine-Cytokine Network Drives Esophageal Cancer Metastasis; Promising Avenue for Targeted Therapy. **Molecular Cancer**, 4;20(1):2. [§]**Corresponding authors.** [PMID: 33390169.](#)
 39. Bhat AA, Yousuf P, Wani NA, Nisar S, Chauhan SS, Siddiqui MA, Bedognetti D, El-Rifai W, Frenneaux MP, Batra SK, Harris M[§], ***Macha MA***[§] (2021). Tumor Microenvironment Mediated Aggressive Head and Neck Squamous Cell Carcinoma: Novel Avenue for Therapeutic Targeting. **Signal Transduction and Therapeutic Targeting**, 12;6(1):12. [§]**Corresponding author.** [PMID: 33436555.](#)
 40. Nisar S, Bhat AA, Hashe S, Yadav SK, Bagga P, ***Macha MA***, Frenneaux MP, Reddy R, Haris M (2020). Non-invasive biomarkers for monitoring the immunotherapeutic response to cancer. **Journal of Translational Medicine**, 9;18(1):471. [PMID: 33298096.](#)
 41. Chaudhary S, Dam V[#], Ganguly K[#], Sharma S[#], Atri P[#], Chirravuri R[#], Jesse L. Cox, Sayed Z, Jones DT, Ghersi D[§], ***Macha MA***[§] and Batra SK[§] (2020). Differential mutation spectrum and immune landscape in African Americans versus whites: A possible determinant to health disparity in head and neck cancer. **Cancer Letters**, 29: S0304-3835(20)30386-4. [§]**Corresponding author.** [PMID: 32738272.](#)
 42. Jahan R, Shah A, Kisling MS, ***Macha MA***, Thayer S, Kaur S and Batra SK (2020). Odyssey of Trefoil factors in Cancers: Diagnostic and Therapeutic Implications. **BBA-Reviews Cancer**. 13:188362. [PMID: 32298747.](#)
 43. Hashem S, Nisar S, Sageena G, ***Macha MA***, Yadav SK, Krishnankutty R, Haris M, Uddin S, Haris M and Bhat AA (2020). Therapeutic effects of Curcumol in several diseases; An overview. **Nutrition Cancer**, 14;1-15. [PMID: 32285707.](#)
 44. Nisar S, Hashem S, ***Macha MA***, Yadav SK, Muralitharan S, L Azeez, Sageena G, Al-Naem H, Haris M, Bhat AA (2020). Exploring Dysregulated Signaling Pathways in Cancer. **Curr Pharm Des.** 26(4):429-445 . [PMID: 31939726.](#)
 45. Bhat AA, Syed N, Therachiyil L, Nisar S, Hashem S, Krishnankuty R, ***Macha MA***, Yadav SK, Bagga P, Reddy R, Shanmagaonkar M, Al-Naemi H, Dhawan P, Uddin S, El-Rifai W and Haris M (2020). Claudin-1, A Double-Edged Sword in Cancer. **Int J Mol Sci.** 21 (2):569 [PMID: 31952355.](#)
 46. Raina A, Sahu PK, Laskar RA, Rajora N, Sao R, Khan S, **Ganai RA (2021)**. Mechanisms of Genome Maintenance in Plants: Playing It Safe with Breaks and Bumps. **Frontiers in Genetics**, 12.
 47. Firdous S, Bhat SH, Aziz S, Jehangir M, Syeed S, Iqra Z, Ahmad MA, Rasool S, Khursheed A, Shalla AH, ***Ganaie AA***^{*}, Rather MA (2023). Antibacterial potential of Thymus linearis essential oil collected from Wasturwan mountain: A combination of experimental and theoretical studies involving in silico molecular docking simulation of the major compounds against Novobiocin-resistant mutant of DNA Gyrase-B. **Microbial Pathogenesis**.
 48. Ahmad MA, Bhat SH, Iqra Z, Jan I, Yousuf S, Syeed S., Qureshi AA, Sharma KJ & ***Ganaie AA***^{*} (2024). Unveiling the Therapeutic Potential: Metabolomics Insights into Medicinal Plants and Their Antidiabetic Effects. **Current Food Science and Technology Reports**

Book Chapters

1. Chauhan R, Gupta A, Dagar G, Sharma S, Sadida HQ, Hashem S, Verghese AM, Tanwar M, ***Macha MA***, UddinS, Akil AAS, Pandita TK, Bhat AA, Singh M (2024). Role of Lamins in Cellular Physiology and Cancer. **Submitted to** Advances in Protein Chemistry and Structural Biology (APCSB).

2. Gupta A, Chauhan R, Sharma T, ***Macha MA***, Masoodi T, Akil AAS, Bhat AA and Singh M (2023). **Alternative Splicing in Cancer Drug Resistance**. Alternative Splicing and Cancer. CRC Press|Taylor & Francis Group (**Submitted**). [ISBN: 978-1-032-19659-6](#).
3. Naikoo BA and ***Macha MA*** (2022). **Alternative splicing and metastasis**. Alternative Splicing and Cancer. CRC Press|Taylor & Francis Group (**Under Preparation**). [ISBN: 978-1-032-19659-6](#).
4. Mohi-ud-din R, Jan R, Khan INR, Hashem S, Mir R, Elfaki I, Masoodi T, Uddin S, ***Macha MA*** and Bhat AA (2023). **Tight junctions, epithelial-mesenchymal transition and cancer metastasis**. Tight Junctions in Inflammation and Cancer. Pages 67-80 Springer Nature. [ISBN 978-981-99-2414-1](#).
5. Khursheed S, Haq BU, Khursheed S, Sadida HQ, Masoodi T, Singh M, Akil AAS, Bhat AA, Haris M, ***Macha MA*** (2023). **Tight Junctions as Signaling Hubs**. Tight Junctions in Inflammation and Cancer. Pages 117-144, Springer Nature. [ISBN 978-981-99-2414-1](#).
6. Kumar MA, Khan TA, Marzooki SA, Abdulla A, Masoodi T, Akil AAS, Bhat AA, and ***Macha MA*** (2023). **Molecular architecture and functions of tight junctions**. Tight Junctions in Inflammation and Cancer. Pages 145-169 Springer Nature. [ISBN 978-981-99-2414-1](#).
7. Khan IR, Ali F, Hashem S, Abdulla A, Nisar S, Masoodi T, Akil AAS, Bhat AA, ***Macha MA*** (2023). **Unraveling the Esophageal Cancer Tumor Microenvironment: Insights and Novel Immunotherapeutic Strategies**. Handbook of Cancer and Immunology. Pages 1-18, Springer Nature. [ISBN 978-3-030-80962-1](#).
8. Gupta A, Dagar G, Chauhan R, Shahab UD, Akil AAS, Pandita TK, ***Macha MA***, Bhat A, Singh M (2023). **Cyclin-dependent kinases; Role, regulation, and therapeutic targeting in Cancer**. Advances in Protein Chemistry and Structural Biology (APCSB). [PMID: 37061333](#).
9. Sharma T, Nisar S, Masoodi T, ***Macha MA***, Uddin S, Akil A Al-Shabeeb, Pandita TK, Singh M, Bhat AA (2022). **Current and emerging biomarkers in ovarian cancer diagnosis; CA125 and beyond**. Advances in Protein Chemistry and Structural Biology (133) 85-114. [PMID: 36707207](#).
10. Kaur H, Kakkar A, Kala S, ***Macha MA***, and Mishra D (2022). **Viral-induced Carcinogenesis in Oral Squamous Cell Carcinoma**. Microbes and Oral Squamous Cell Carcinoma, 125-136. Springer, Singapore. [ISBN 978-981-19-0591-9](#).
11. ***Macha MA***, Wani NA, Ganai RA, Bhat AA, Harris M, Hamid A, Chauhan SS, Zargar MA and Batra SK (2021). **Recent Advances in Head and Neck Cancer Tumor Microenvironment Based Therapy**. Tumor Microenvironments in Organs, Advances in Experimental Medicine and Biology. Springer publications. pp 11-31. [ISBN: 978-3-030-36213-3](#).

Books Edited/editing

1. ***Macha MA***, Bhat AA, and Masoodi T. "Multi-omics in Health and Diseases" Elsevier. (**Under Preparation**). [ISBN: 9780443135958](#).
2. ***Macha MA***, Zargar SM, Bhat AA and Uddin S. "Neglected and Underutilized Crops for Cancer Prevention and Therapy" CRC Taylor Francis press. (**Under Preparation**) [ISBN: 9781032762692](#).
3. ***Macha MA***, Haris M, and Bhat AA. "Alternative Splicing and Cancer" CRC Taylor Francis press [ISBN: 978-1-032-19659-6](#).
4. Bhat AA, Haris M, ***Macha MA***, and Dhawan P. "Tight Junctions in Inflammation and Cancer". Springer Nature. [ISBN: 978-981-99-2414-1](#).
5. ***Macha MA***, Bhat AA, Wani NA "Immuno-Oncology Crosstalk and Metabolism" Springer Nature. [ISBN: 978-981-16-6226-3](#).
6. ***Macha MA***. "Modern technology: Present and Future of Cancer" OMICS Group International - eBooks, [ISBN: 978-1-63278-073-7](#).

7. ***Macha MA***, Assad A, Bhat MR. "**Artificial Intelligence in Human Health and Diseases**" Springer Nature (Under **Preparation**).