

Publications in Peer Reviewed Journals

1. Keerthana CK, Aiswarya US, Rayginia TP, Yadu V, Shirley J, Shifana CS, Sankar S, D.K. Induja, Ravi S. Lankalapalli, Kuzhuvelil B Harikumar and **Ruby John Anto***. (2024). A novel combinatorial regimen involving sorafenib and uttroside B, a US FDA-designated 'Orphan drug', for the treatment of hepatocellular carcinoma. **Anti-Cancer Agents In Medicinal Chemistry** 10.2174/0118715206316190240527160242
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3. Kalishwaralal K, Nazeer AA, Induja DK, Keerthana CK, Shifana SC, **Ruby John Anto**. Enhanced extracellular vesicles mediated uttroside B (Utt-B) delivery to Hepatocellular carcinoma cell: Pharmacokinetics based on PBPK modelling. **Biochemical and Biophysical Research Communications**. 2024 Feb 11:149648.
4. Rayginia TP, Keerthana CK, Shifana CS, Maria PJ, Abhishek A and **Ruby John Anto***. (2024) Phytochemicals as Potential Lead Molecules against Hepatocellular Carcinoma. **Current Medicinal Chemistry**.doi:10.2174/0109298673275501231213063902
5. Varma SS, Aiswarya SU, Keerthana CK, Rayginia TP, Induja DK, **Ruby John Anto**, Lankalapalli RS. Putative role of uttronin (degalactotigonin) in cytotoxicity of uttroside B in HepG2 cells. **Tetrahedron Letters**. 2023 Sep 1;127:154668.
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8. Faisal MA, Aiswarya US, Remya Johny, Meghna Sudhesh, Amrutha A. Nisthul, Ravi S. Lankalapalli, **Ruby John Anto*** and Smitha V. Bava* (2023), A potent bioactive fraction against colon cancer from *Plectranthus vettiveroides*, **Exploration of Targeted Anti-tumor Therapy**,4:227 239 DOI:<https://doi.org/10.37349/etat.2023.00131>.
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10. Shabna A, Jayesh Antony, Vinod V, Minakshi Saikia, Liju VB, Archana PR, Amrutha Nisthul, Vijai V Alex, Swetha M, Aiswarya US, Jannet S, Uma Subramanian Unni, Sankar Sundaram, DaisyR Sherin, Nikhil P Anto, Smitha VB, Sadasivan C, Sophia Ran, and **Ruby John Anto*** (2022), Pharmacological attenuation of melanoma by tryptanthrin pertains to the suppression of MITF-M through MEK/ERK signaling axis, **Cellular and Molecular Life Science**, , DOI: <https://doi.org/10.1007/s00018-022-04476-y>; 79:478 (Impact Factor:9.261).
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***Corresponding author**

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*** Corresponding Author**