

## Publications

ReshmaThamkachy, Rohith Kumar, K. N. Rajasekharan and SuparnaSengupta (2016) ERK mediated upregulation of deathreceptor 5 overcomes the lack of p53functionality in the diaminothiazole DAT1induced apoptosis in colon cancer models:efficiency of DAT1 in Ras-Raf mutated cells.

**Molecular Cancer** 15:22 DOI 10.1186/s12943-016-0505-7

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SmretiVasudevan, Sannu Ann Thomas, Krishnankutty C. Sivakumar, Reena J. Komalam, Keerthi V. Sreerekha, Kallikat N. Rajasekharan and SuparnaSengupta\* (2015): Diaminothiazoles Evade Multidrug Resistance in Cancer Cells and Xenograft Tumour Models and Develop Transient Specific Resistance: Understanding the Basis of Broad-Spectrum vs Specific Resistance. **Carcinogenesis**36, 883-93Doi: 10.1093/ carcin/bgv072

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Sannu A. Thomas, SmretiVasudevan, ReshmaThamkachy, Swathi U. Lekshmi, Thankayyan R. Santhoshkumar, Kallikat N. Rajasekharan&SuparnaSengupta\* (2013): Upregulation of DR5 Receptor by the Diaminothiazole DAT1 [4-amino-5-benzoyl-2-(4-methoxy phenyl amino) thiazole] Triggers an Independent Extrinsic Pathway of Apoptosis in Colon Cancer Cells with Compromised Pro and Antiapoptotic Proteins: **Apoptosis**, **18**, 713-726

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