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Withaferin A induced impaired autophagy and unfolded protein response in human breast cancer cell-lines MCF-7 and MDA-MB-231

Kamalini Ghosh, Soumasree De, Srimoyee Mukherjee, Sayantani Das, Amar Nath Ghosh, Sumita (Bandyopadhyay) Sengupta

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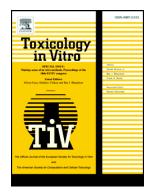
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Kamalini Ghosh¹, Soumasree De¹, Srimoyee Mukherjee¹, Sayantani Das¹, Amar Nath Ghosh² and Sumita Sengupta (Bandyopadhyay)¹

¹Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, 92 A.P.C. Road, Kolkata 700009, India.

²National Institute of Cholera and Enteric Diseases, Division of Electron Microscopy, P-33, C.I.T. Road, Scheme XM, Beleghata, Kolkata 700 010, India

Correspondence: Sumita Sengupta (Bandyopadhyay),

Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta. 92 A.P.C. Road, Kolkata 700009, India.

Phone: 91-09836723667

E-mail: bandyopas@gmail.com, ssbmbg@caluniv.ac.in

Abbreviations: Acridine orange, AO; Acidic vesicular organelles, AVOs; Chymotrypsin, CT; Microtubule associated light chain 3, LC3; Mono-Dansyl-Cadaverine, MDC; Ubiquitin-proteasome system, UPS; Withaferin A, WA; Wortmannin, WT; EtBr, Ethidium Bromide; Sequestosome 1, SQSTM1; ATG5, Autophagy Protein 5.

Key words: Incomplete autophagy, Ubiquitine proteasome system, Unfolded protein response, ER-stress, Breast cancer.

Short running title: Ghosh et.al.: WA induced incomplete autophagy in breast cancer.

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