

# Azab Samar Saad Eldeen

## Publication List

### *Book Chapters*

Azab Samar Saad Eldeen and Ayman Al-Hendy. Signal Transduction Pathways in Breast cancer: drug targets and challenges in "Breast Cancer Cells—Carcinogenesis, Cell Growth and Signalling Pathways", Gunduz, M. and Gunduz, E.- InTech. ed., pp. 109-138, 2011.

### Review Articles

### *Journal articles*

Azab SSE. Targeting the mTOR Signaling Pathways in Breast Cancer: More than the Rapalogs. JBPR, June 2013, Vol. 1 (2): 75-83.

Tolba MF, Azab SSE, Khalifa AE, Abdel-Rahman SZ, Abdel-Naim AB. Caffeic acid phenethyl ester, a promising component of propolis with a plethora of biological activities: a review on its anti-inflammatory, neuroprotective, hepatoprotective and cardioprotective effects. IUBMB Life. 2013 Aug; 65(8): 699-709.

Tolba MF, Omar H, Azab SSE, Khalifa AE, Abdel-Naim Ab, Abdel-Rahman SZ. Caffeic acid phenethyl ester: A review of its antioxidant activity, protective effects against ischemia-reperfusion injury and drug adverse reactions. Crit. Rev. Food Sci. Nutr. 2016 Oct; 56 (13): 2183-90.

### Articles in peer reviewed scientific journals:

Azab SSE, El-Demerdash E, Abdel-Naim AB, Youssef E, El-Sharkawy N, Osman AM. Modulation of epirubicin cytotoxicity by tamoxifen in human breast cancer cell lines. Biochem Pharmacol. 2005 Sep; 70 (5): 725-32.

Azab SSE, Salama SA, Abdel-Naim AB, Khalifa AE, El-Demerdash E, Al-Hendy A. 2-Methoxyestradiol and multidrug resistance: can 2-methoxyestradiol chemosensitize resistant breast cancer cells? Breast Cancer Res Treat. 2008 Jan; 113 (1): 9-19.

Azab SSE Salama SA, Hassan MH, Khalifa AE, El-Demerdash E, Fouad H, Al-Hendy A, Abdel-Naim Ab. 2-Methoxyestradiol reverses doxorubicin resistance in human breast tumor xeno-graft. Cancer Chemother Pharmacol. 2008 Oct; 62 (5): 893-902.

Abu Ajaj K, El-Abdalla N, Welker P, Azab SSE, Zeisig R, Fichtner I and Kratz F. Comparative evaluation of the biological properties of reducible and acid-sensitive folate prodrugs of a highly potent doxorubicin derivative. Eur. J. Cancer. 2012 Sep; 48 (13): 2054-65.

Eldahshan O and Azab SSE Anti-inflammatory Effect of Apigenin-7-neohesperidoside (Rhoifolin) in Carrageenin-Induced Rat Oedema Model. JAPS, 2 (08); 2012:74-79.

Ashmawy A, Azab SSE and Eldahshan O. Effects of Chorisia crispiflora Ethyl Acetate Extract on P21 and NF-KB in Breast Cancer Cells. JAS 2012; 8 (8): 965-972

Azab SSE, Ashmawy A and Eldahshan O. Phytochemical Investigation and Molecular Profiling by p21 and NF-KB of Chorisia criispiflora Hexane Extract in Human Breast Cancer Cells in Vitro. BJPR 2013–Vol. 3, Issue 1 (January–March), 78-89.

Abou El Naga RN, Azab SSE, El-Demerdash E, Shaarawy S, El-Merzbani M, Ammar ES. Sensitization of TRAIL-induced apoptosis in human hepatocellular carcinoma HepG2 cells by phytochemicals. Life Sci. 2013 Mar. 21; 92 (10):555-61.

Kratz F, Azab SSE, Zeisig R, Fichtner I, Warnecke A. Evaluation of combination therapy schedules of doxorubicin and an acid-sensitive albumin-binding prodrug of doxorubicin in the MIA PaCa-2 pancreatic xenograft model. Int. J Pharm. 2013 Jan 30; 441 (1-2): 499-506.

Azab SSE, Abdel-Daim M and Eldashan O, Phytochemical, cytotoxic, hepatoprotective and antioxidant properties of Delonix regia leaves extract. Med. Chem. Res. Sept 2013, 22, (9): 4269-4277.

Tolba MF, Esmat A, Al-Abd AM, Azab SSE, Khalifa AE, Mosli HA, Abdel-Rahman SZ, Abdel-Naim AB. Caffeic acid phenethyl ester synergistically enhances docetaxel and paclitaxel cytotoxicity in prostate cancer cells. IUBMB Life 2013 Aug. 65 (8): 699-709.

Abdel-Aziz AK, Azab SSE, Youssef SS, El-Sayed AM, El-Demerdash E and Shouman S. Modulation of Imatinib cytotoxicity by Selenite in HCT116 colorectal cancer cells. Basic and Clinical Pharmacology and Toxicology, 2015; 116: 37-46.

Abdel-Daim M, Farouk S, Madkour F and Azab SSE. Antiinflammatory and Immunomodulatory effects of Spirulina Platensis in comparsion to Dunaliella Salina in acetic acid- induced rat experimental colitis. Immunopharmacology and Immunotoxicology, 2015; 8: 1-14.

Said A, Zaki R, Salah Eldin R, Nasr M, Azab SSE and Elzankalony Y. Efficacy of Intravitreal injection of 2-Methoxyestradiol in regression of neovascularization of a retinopathy of prematurity rat model. BMC Ophthalmology, 2017; 17 (1): 38.

Azab SSE, Abdel Jaleel G, and Eldashan O. Anti-inflammatory and gastroprotective potential of leaf essential oil of Cinnamomum glanduliferum in ethanol-induced rat experimental gastritis. Pharm Biol. 2017 Dec. 55 (1): 1654-1661