

Sara Abdel Gaber

List of selected publications

(as of November 2021)

Abdel Gaber, S. A., Müller, P., Zimmermann, W., Hüttenberger, D., Wittig, R., Abdel Kader, M. H., Stepp, H. (2018). ABCG2-mediated suppression of chlorin E6 accumulation and photodynamic therapy efficiency in glioblastoma cell lines can be reversed by KO143. *Journal of Photochemistry and Photobiology B: Biology*, 178, 182–191.

<https://doi.org/10.1016/j.jphotobiol.2017.10.035>

Aboelmaati, M. G., **Abdel Gaber, S. A.**, Soliman, W. E., Elkhatib, W. F., Abdelhameed, A. M., Sahyon, H. A., El-Kemary, M. (2021). Biogenic and biocompatible silver nanoparticles for an apoptotic anti-ovarian activity and as polydopamine-functionalized antibiotic carrier for an augmented antibiofilm activity. *Colloids and Surfaces B: Biointerfaces*, 206, 111935.

<https://doi.org/10.1016/j.colsurfb.2021.111935>

Müller, P., **Abdel Gaber, S. A.**, Zimmermann, W., Wittig, R., Stepp, H. (2020). ABCG2 influence on the efficiency of photodynamic therapy in glioblastoma cells. *Journal of Photochemistry and Photobiology B: Biology*, 210, 111963.

<https://doi.org/10.1016/j.jphotobiol.2020.111963>

I. El-Gogary, R., **Abdel Gaber, S. A.**, Nasr, M. (2019). Polymeric nanocapsular baicalin: Chemometric optimization, physicochemical characterization and mechanistic anticancer approaches on breast cancer cell lines. *Scientific Reports*, 9(1).

<https://doi.org/10.1038/s41598-019-47586-7>

Shoueir, K., Ahmed, M. K., **Abdel Gaber, S. A.**, El-Kemary, M. (2020). Thallium and selenite doped carbonated hydroxyapatite: Microstructural features and anticancer activity assessment against human lung carcinoma. *Ceramics International*, 46(4), 5201–5212.

<https://doi.org/10.1016/j.ceramint.2019.10.268>