

CURRICULUM VITAE

PERSONAL DATA

Name	Sally Mostafa Ibrahim Sabry Ahmed
Nationality	Egyptian
Position	Associate professor
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EDUCATION

Year	Academic Degree	Institution
2007	Bachelor of Science	Beni-Suef University – Faculty of Science - Egypt
2014	Master of Science	Beni-Suef University – Faculty of Science - Egypt
2018	PhD of Science	Beni-Suef University – Faculty of Science - Egypt

WORK EXPERIENCE

Period	Position	Address
2009-2014	Demonstrator	Zoology Department, Faculty of Science, Beni-Suef University
2014-2018	Assistant Lecturer	Zoology Department, Faculty of Science, Beni-Suef University
2018-2024	Lecturer	Zoology Department, Faculty of Science, Beni-Suef University
2024	Assistant Professor	Zoology Department, Faculty of Science, Beni-Suef University
2025	Associate Professor	Faculty of Sciences, Imam Mohammad Ibn Saud Islamic University

RESEARCH INTERESTS

Genetic contributions and molecular diagnostics to common diseases.

PUBLICATIONS

Abdella, E.M., Galaly, S.R., Mohammed, H.M., & **Khadrawy, S.M.** (2014). Protective role of vitamin E against valproic acid-induced cytogenotoxicity and hepatotoxicity in mice. The journal of basic & applied zoology, 67(4), 127-139.

Galaly, S.R., Abdella, E.M., Mohammed, H.M., & **Khadrawy, S.M.** (2014). Effects of royal jelly on genotoxicity and nephrotoxicity induced by valproic acid in albino mice. Beni-Suef University journal of basic and applied sciences, 3(1), 1-15.

Mahmoud, A.M., Mohammed, H.M., **Khadrawy, S.M.**, & Galaly, S.R. (2017). Hesperidin protects against chemically induced hepatocarcinogenesis via modulation of Nrf2/ARE/HO-1, PPAR γ and TGF- β 1/Smad3 signaling, and amelioration of oxidative stress and inflammation. Chemico-Biological Interactions, 277, 146-158.

Aly, M.S., Galaly, S.R., Moustafa, N., Mohammed, H.M., **Khadrawy, S.M.**, & Mahmoud, A.M. (2017). Hesperidin protects against diethylnitrosamine/carbon tetrachloride-induced renal repercussions via up-regulation of Nrf2/HO-1 signaling and attenuation of oxidative stress. Journal of Applied Pharmaceutical Science, 7(11), 007-014.

Khadrawy, S.M., Mohamed, H.M., & Mahmoud, A.M. (2021). Mesenchymal stem cells ameliorate oxidative stress, inflammation, and hepatic fibrosis via Nrf2/HO-1 signaling pathway in rats. Environmental Science and Pollution Research, 28, 2019-2030.

Sayed, R.A., **Khadrawy, S.M.**, Mohammed, H.M., & Aly, M.S. (2021). Protective role of melatonin and taurine against toxicity induced by caffeine in brain by abrogation of oxidative stress, decrease apoptosis, and alters cerebral monoamine neurotransmitters in male albino rats. International Journal of Pharmaceutical Sciences and Research, 12 (1), 136-148.

Salah, M., Ismail, K.A., & **Khadrawy, S.M.** (2022). Nobiletin protects against diabetes-induced testicular injury via hypophysis–gonadal axis upregulation and amelioration of oxidative stress. Molecular Biology Reports, 1-15.

Khadrawy, S.M., & El Sayed, R.A. (2023). Umbelliferone attenuates diabetic cardiomyopathy by suppression of JAK/STAT signaling pathway through amelioration of oxidative stress and inflammation in rats. Journal of Biochemical and Molecular Toxicology, 37(4), e23296.

Khadrawy, S.M., Mohamed, D.S., Hassan, R.M., Abdelgawad, M.A., Ghoneim, M.M., Alshehri, S., & Shaban, N.S. (2023). Royal Jelly and Chlorella vulgaris mitigate gibberellic acid-induced cytogenotoxicity and hepatotoxicity in rats via modulation of the PPAR α /AP-1 signaling pathway and suppression of oxidative stress and inflammation. Foods, 12(6), 1223.

Elmasry, H., **Khadrawy, S.M.**, Kamel, M.M., Ibrahim, M.H., Abuelsaad, A.S., & Zanaty, M.I. (2024). Evaluation of MMP-13 and Micro RNA-138 as prognostic biomarkers for breast cancer in Egyptian women patients. Pathology-Research and Practice, 253, 155045.

Osama, H. M., **Khadrawy, S. M.**, El-Nahass, E. S., Othman, S. I., & Mohamed, H. M. (2024). Eltroxin and Hesperidin mitigate testicular and renal damage in hypothyroid rats: amelioration of oxidative stress through PPAR γ and Nrf2/HO-1 signaling pathway. Laboratory Animal Research, 40(1), 19.

Alatawi, A., Ajarem, J., Alarifi, S., Al-Shaebi, E., **Khadrawy, S.**, Wang, C., & Maodaa, S. (2024). Teucrium polium extract ameliorates neurobehavioral, neurochemical induced by nicotine in brain of mice. Indian Journal of

Animal Research, 58(6), 982-990.

A. Alatawi , S. Maodaa, S. Alarifi , E. Al-Shaebi , J. Ajarem D. Alhomoud , S. Alawwad , **S. M. Khadrawy** , C. Wang and S. Al-Quraishy (2024). Teucrium polium Leaves extract reduces nicotine-induced histopathological and biochemical alteration in the 2 spleen via amelioration of antioxidant biomarker. Arquivo Brasileiro de Medicina Veterinária e Zootecnia, 13319 .

Khadrawy, S. M., Altoom, N. G., Alotaibi, A. G., & Othman, S. I. (2024). Hepatoprotective potential of taxifolin in type 2 diabetic rats: modulation of oxidative stress and Bcl2/Bax/Caspase-3 signaling pathway. Molecular Biology Reports, 51(1), 897.

Kamel, E. M., **Khadrawy, S. M.**, Allam, A. A., Ahmed, N. A., Alkhayl, F. F. A., & Lamsabhi, A. M. (2025). Targeting the ATG12–ATG3 protein-protein interaction: From structural insights to therapeutic opportunities in autophagy modulation. Pathology-Research and Practice, 273, 156156.

Kamel, E. M., **Khadrawy, S. M.**, Allam, A. A., Ahmed, N. A., Alkhayl, F. F. A., & Lamsabhi, A. M. (2025). Targeting the Skp2–Cks1 protein–protein interaction: structures, assays, and preclinical inhibitors. European Journal of Pharmacology, 178129.

Raza A, **Khadrawy SM**, Ahmad I, Imran M, Khuwaja G, Parveen H, Mukhtar S, Patil BR, Allam AA, Rudayni HA, et al.(2025). Biosynthesis of Fe₃O₄ Nanoparticles Using Egg Albumin: Antifungal, Dielectric Analysis and Photocatalytic Activity. Catalysts, 15(6), 505.

Kamel, E. M., **Khadrawy, S. M.**, Allam, A. A., Ahmed, N. A., Alkhayl, F. F. A., & Lamsabhi, A. M. (2025). Tackling tumor hypoxia: advances in breaking the oncogenic HIF-1α–p300/CBP alliance. Investigational New Drugs, 1-19.

Bakather, O. Y., **Khadrawy, S. M.**, Qamar, M. A., Rudayni, H. A., Alotaibi, M. T., & Imran, M. (2025). Addressing the environmental threat of antifungal agents: persistence, ecological effects, and removal techniques. Inorganic Chemistry Communications, 115301.

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Qamar, M. A., **Khadrawy, S. M.**, Allam, A. A., Ali, S. K., Ismail, K. S., Abada, E., & Shater, A. R. M. (2025). A comprehensive review on advanced synthesis approaches of MXenes and their dual role in photocatalytic degradation and antimicrobial applications. Reviews in Inorganic Chemistry, <https://doi.org/10.1515/revic-2024-0140>.

Bakather, Omer & **Khadrawy, Sally** & Qamar, Muhammad & Rudayni, Hassan & Alotaibi, Mohammed & Imran, Mohd. (2025). Addressing the environmental threat of antifungal agents: persistence, ecological effects, and removal techniques. Inorganic Chemistry Communications. 181. 115301. 10.1016/j.inoche.2025.115301.