CURRICULUM VITAE

PERSONAL DETAILS

Name: Nema Sayed Shaban Mohamed.

Nationality: Egyptian.

Date of birth: 23-11-1989.

Gender: Female.

Material status: Married.

Current position: Lecturer of pharmacology, Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef, Egypt.

Address: Pharmacology Dept. Fac. Vet. Med. Beni-Suef University.

Telephone:

Mobile: 01152318848.

Work: **0822327982** (Tel/Fax)

E-Mail: nemaa.sayed@vet.bsu.edu.eg

nsh.pharma@yahoo.com

Academic Details- Higher Education:

Date Qualification and Institution:

- **PhD degree:** (Vet. Pharmacology), Beni-Suef University (**2019**).

Title: (**Pharmacological studies of some antimicrobial drugs in chickens).**

- **Master degree :**(Vet. Pharmacology), Beni-Suef University, (**2016**).

Title: (**Some pharmacodynamic studies of *Thymus vulgaris* plant).**

- **Bachelor degree in Veterinary Medicine (very good)**

Faculty of Veterinary Medicine, Beni-Suef University (**2012**).

Employment history:

- **Demonstrator of pharmacology** (Faculty of Veterinary Medicine, Beni-Suef University) (**3/4/2013**)
- **Assistant lecturer of pharmacology (**Faculty of Veterinary Medicine, Beni-Suef University) (**11/4/2016**).
- **Lecturer of pharmacology (**Faculty of Veterinary Medicine, Beni-Suef University) (**31/12/2019**).

• Published articles

Phytochemical and pharmacological studies of ethanolic extract of Thymus vulgaris.
SS Nema, MA Tohamy, HA El-Banna, MR ABEER, AA El-Gendy, IO Asmaa. Phytochemical and pharmacological studies of ethanolic extract of Thymus vulgaris. World J Pharm Pharmaceu Sci 2015; 4, 1988-2001.

Impact of toxic heavy metals and pesticide residues in herbal products.
NS Shaban, KA Abdou, NEHY Hassan. Beni-suef university journal of basic and applied sciences 2016; 5 (1), 102-106**.**

Effect of Bromhexine on the Pharmacokinetic of Tilmicosin in Broiler Chickens.
Shaban N. S, Radi A. M, Bogzil A. H, El-Banna H. A, Mobarez E. A, El-Gendy A. A. M. Effect of Bromhexine on the Pharmacokinetic of Tilmicosin in Broiler Chickens. Biomed Pharmacol J 2019;12(3).

The Effect of Bromhexine and Thyme Oil on Enhancement of the Efficacy of Tilmicosin against Pasteurellosis in Broiler Chickens.
M Radi, A. M., **Shaban, N. S**., El-Ela, F. I. A., Mobarez, E. A., Aam, E. G., & Ha, E. B. (2020). The Effect of Bromhexine and Thyme Oil on Enhancement of the Efficacy of Tilmicosin against Pasteurellosis in Broiler Chickens. *Journal of World's Poultry Research*, *10*(2s), 151-164.

Ameliorative Effect of Almond Oil Against Doxorubicin-Induced Cardiotoxicity in Mice Via Downregulation of TLR4 Gene Expression, Lowering NF-κB and TNF-α Levels.
Mohamed DS, **Shaban NS**, Labib MM, Shehata O (2022). Ameliorative Effect of Almond Oil Against Doxorubicin-Induced Cardiotoxicity in Mice Via Downregulation of TLR4 Gene Expression, Lowering NF-κB and TNF-α Levels. Adv. Anim. Vet. Sci. 10(3): 685-693.

Sesame oil ameliorates valproic acid-induced hepatotoxicity in mice: integrated in vivo–in silico study.
Doaa Shaaban Mohamed, **Nema S. Shaban**, Mai
M. Labib & Olfat Shehata (2023) Sesame oil ameliorates valproic acid-induced hepatotoxicity in mice: integrated in vivo–in silico study, Journal of Biomolecular

Structure and Dynamics, 41:17, 8485-
8505, DOI: 10.1080/07391102.2022.2135593.

Targeting Some Key Metalloproteinases by Nano-Naringenin and Amphora coffeaeformis as a Novel Strategy for Treatment of Osteoarthritis in Rats.
Shaban, N.S.; Radi, A.M.; Abdelgawad, M.A.; Ghoneim, M.M.; Al-Serwi, R.H.; Hassan, R.M.; Mohammed, E.T.; Radi, R.A.; Halfaya, F.M. Targeting Some Key Metalloproteinases by Nano-Naringenin and Amphora coffeaeformis as a Novel Strategy for Treatment of Osteoarthritis in Rats. Pharmaceuticals 2023, 16, 260. https://doi.org/10.3390/ph16020260.

Royal Jelly and Chlorella vulgaris Mitigate Gibberellic Acid-Induced Cytogenotoxicity and Hepatotoxicity in Rats via Modulation of the PPARα/AP-1 Signaling Pathway and Suppression of Oxidative Stress and Inflammation.
Khadrawy, S.M.; Mohamed, D.S.; Hassan, R.M.; Abdelgawad, M.A.; Ghoneim, M.M.; Alshehri, S.; **Shaban, N.S**. Royal Jelly and Chlorella vulgaris Mitigate Gibberellic Acid-Induced Cytogenotoxicity and Hepatotoxicity in Rats via Modulation of the PPARα/AP-1 Signaling Pathway and Suppression of Oxidative Stress and Inflammation. Foods 2023, 12, 1223. https:// doi.org/10.3390/foods12061223.

Integrated in vivo and in silico evaluation of sweet basil oil as a protective agent against cisplatin-induced neurotoxicity in mice.
Mohamed, D.S., Shehata, O., Labib, M.M., **Shaban, N.S**. Integrated in vivo and in silico evaluation of sweet basil oil as a protective agent against cisplatin-induced neurotoxicity in mice. *Beni-Suef Univ J Basic Appl Sci* **12**, 65 (2023). https://doi.org/10.1186/s43088-023-00401-9.

Protective role of zinc oxide nanoparticles in alleviating flumethrin-induced hepatic and renal toxicity in male albino rats.
Fayeq, A.K., Abo El-Ela, F.I., **Shaban, N.S**. *et al.* Protective role of zinc oxide nanoparticles in alleviating flumethrin-induced hepatic and renal toxicity in male albino rats. *Toxicol. Environ. Health Sci.* (2023). https://doi.org/10.1007/s13530-023-00189-2.

Estimating the In Vitro Cytotoxicity of the newly emerged Zinc Oxide (ZnO) doped chromium Nanoparticles using the human fetal lung fibroblast cells (WI38 Cells).
Doaa R.I. Abdel-Gawad, **Nema S. Shaban**, Walaa A. Moselhy, S.I. El-Dek, Marwa A. Ibrahim, A.A. Azab and Nour El-Houda Y. Hassan**,** Journal of Trace Elements in Medicine and Biology, (2023)
doi:https://doi.org/10.1016/j.jtemb.2023.127342

- **Phamrmacodynamic studies of some natural products**.

Under publication.

In vivo studies of nanodrugs.

Under publications

Fish pharmacology

Under publication