**Mahmoud S Sabra**

**Office Address: Home Address:**

Department of Pharmacology Home no (9), asmaa allah alhosna,

Faculty of veterinary medicine Assiut University, Assiut 71526, Egypt Assiut 71525, Egypt

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| <https://orcid.org/0000-0002-3836-4809> https://www.aun.edu.eg/veterinary\_medicine/mahmoud-sayed-sabra |

**Education:**

**Bachelor of Veterinary Science June 2009**

with grade "excellent with honor" # first class first positioned#

Faculty of Veterinary Medicine, *Assiut University*, Egypt.

**Major**: Animal Science **Minor**: Biology

**Master of Veterinary Science** **Graduate 2015**

Faculty of Veterinary Medicine, *Assiut University*, Egypt.

**Advisor**: Raafat Abd- EL Badeaa

**Thesis Topic**: Study the effect of cimetidine and omeprazole on the anticonvlsant activity of topiramate and lamotrigine in mice

**Doctor of Pharmacology of Veterinary Science**  **Graduate 2022**

Faculty of Veterinary Medicine, *Assiut University*, Egypt.

**Advisor**: Moustafa Mahmoud Hamdy

**Thesis Topic**: Study the possible renoprotective effect of tadalafil and/or furosemide in conventional and nanoparticle forms in acute and chronic induced renal failure in rats

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**Research Experiences:**

**Master of Veterinary Science Graduate 2015**

Faculty of Veterinary Medicine, *Assiut University*, Egypt.

**Research focus**: Anticonvulsant drugs pharmacology

**Analytical Expertise**:

**-** Invivo studies and screening of new anti-convulsant drugs.

- Maximal electroshock model in the preclinical assessment of potential new antiepileptic drugs.

- Chemical models for induction of seizures.

- Isolation of brain samples and measurment of drug brain concentrations using HPLC**.**

**PhD of Veterinary Science**  **Candidate 2015**

Faculty of Veterinary Medicine, *Assiut University*, Egypt

**Research focus**: Renal failure pharmacology and Nanoparticuation of drugs.

**PhD Student**  **Assiut university, Egypt (2015 -2021)**

* Design furosemide and tadalafil nanoparticles and their effects in renal failure.
* Conduct models of acute and chronic renal failure in rats.

**Analytical Expertise**: ELISA technique, IHC, Nanoparticulation, Hematology, Histology, Organ isolation, Oxidative stress parameters measurement by spectrophotometer.

**Graduate Teaching Assistant**  **Assiut University, Egypt (2010-2021)**

-Teaching assistant responsible for instructing courses of Pharmacology for Pharmacy students, Medical students and Veterinary students at the department of Pharmacology, Faculty of Medicine, Assiut University, Egypt **(2010-2019)**.

-Teaching assistant responsible for instructing courses of Pharmacology for Veterinary students at the department of Veterinary Pharmacology, Faculty of Veterinary Medicine, Assiut University, Egypt **(2019-2021)**.

**Professional Occupation:**

Demonstrator of Pharmacology, Pharmacology department, Faculty of Medicine, Assiut University, Egypt (2010) up to (2015).

Assistant Lecturer of Pharmacology department, Faculty of Medicine, Assiut University, Egypt (2015) up to (2019).

Assistant Lecturer of Pharmacology department, Faculty of Veterinary Medicine, Assiut University, Egypt (2019) up to (2021).

Ph.D. candidate at Pharmacology, Pharmacology department, Faculty of Veterinary Medicine, Assiut University, Egypt (2021).

Lecturer of Pharmacology, Pharmacology department, Faculty of Veterinary Medicine, Assiut University, Egypt (2- 2022) till now.

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**Languages:**

English: Very good Arabic: Mother language

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**Special skills in computer:**

Windows, Microsoft word, Excel, Power point, access, internet, Photoshop. JMP SPSS Statistical analysis and SAS statistical data analysis

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**Publications:**

1. Hamdy, M. M., Abdel-Rahman, M. S., Badary, D. M., & **Sabra, M. S**. **(2022)**. Effects of furosemide and tadalafil in both conventional and nanoforms against adenine-induced chronic renal failure in rats. *European Journal of Medical Research*, *27*(1), 1-17.‏
2. Taher, H., **Sabra, M. S.**, Salah El-Din, A. E. D., & Sayed, A. E. D. H. **(2022)**. Hemato-biochemical indices alteration, oxidative stress, and immune suppression in the African catfish (Clarias gariepinus) exposed to metformin. *Toxicology and Environmental Health Sciences*, *14*(4), 361-369.
3. ELRAWY, A., MOHAMMED, A., **SABRA, M.S.**, MAHMOUD, U. and DARWİSH, M., **2023**. IMPACT OF RUMEN JUICE TRANSFAUNATION ON BEHAVIORAL ACTIVITIES, PERFORMANCE PARAMETERS AND KIDNEY FUNCTION IN FATTENING LAMBS. *Assiut Veterinary Medical Journal*, *69*(178), pp.74-87.
4. Khalphallah, A., Elmeligy, E., Al-Daek, T., Hussein, H.A., Mohamed, R.H., **Sabra, M.S**., Zakaria, A.M., Khalifa, M.I., Mohammed, H.H., Khesruf, K.A. and Ghallab, R.S., **2023**. Comparative study between efficacy of dexamethasone-prostaglandin-receptal combination and mechanical correction in uterine torsion cases in Egyptian buffalo-cows (Bubalus bubalis). *BMC Veterinary Research*, *19*(1), p.92.
5. MOUSTAFA, S., HASSANEIN, K., ABDOU, M., FADL, L.R. and **SABRA, M.S.**, **2023**. Chemical castration with formalin versus surgical castration in dogs: hormonal, seminal fluid, cellular stress response, and testicular tissue alterations. *Assiut Veterinary Medical Journal*, *69*(179), pp.69-87.
6. **Sabra MS**, Hemida FK, Allam EAH. Adenine model of chronic renal failure in rats to determine whether MCC950, an NLRP3 inflammasome inhibitor, is a renopreventive. *BMC Nephrol*. **2023**;24(1):377. Published 2023 Dec 19. doi:10.1186/s12882-023-03427-4
7. **Sabra MS**, Mohammed AA, Hassanein KM, Ahmed AA, Hassan D, Abdel-Lah ES. Novel drug therapy of acute hepatic failure induced in rats by a combination of tadalafil and Lepidium sativum. BMC Complementary Medicine and Therapies. **2024** Dec;24(1):1-3.
8. **Sabra, M.S**., Abd El-Aal, M., Idriss, S.K., Soliman, H.A., Salaah, S.M. and Sayed, A.E.D.H., 2024. Possible beneficial effects of nano chitosan against doxycycline toxicity in Nile tilapia (Oreochromis niloticus). *Aquaculture*, *587*, p.740855.
9. **Sabra, M.S.,** Allam, E.A. and Hassanein, K.M.A., 2024. Sildenafil and furosemide nanoparticles as a novel pharmacological treatment for acute renal failure in rats. *Naunyn-Schmiedeberg's Archives of Pharmacology*, pp.1-15.
10. Ibrahim, A., Abd-Elrasoul, M.A.A. & **Sabra, M.S.** Impact of pH modification of the empirically used tobramycin ophthalmic solution on MIC90 concentration in tears and aqueous humor of donkeys (*Equus asinus*). *BMC Vet Res* **20**, 218 (2024). https://doi.org/10.1186/s12917-024-04072-1

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**Oral presentation and Posters:**

Participate in the neurology conference (speaker) at Aswan, Egypt (2013).

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**Program and community activities:**

**Undergraduate'**

* Active membership in **(AVSSA)** Assiut Veterinary Students' Scientific Association then became the General Sector of Assoiciation.
* One of the active members at Student Union then I became Master of Art Committee.
* Contribute in successful of student union activities of all universities in Egypt that were in Banha University
* Participate in the **13th scientific congress** of faculty of veterinary medicine and making presentation about (Zoonotic Diseases).
* Contribute making Magazine of students graduate (2007-2008).
* March (2008) (2009) developing of thinking and managerrial skills (pathway) knowledge, behavioraland managerial approach
* April (2009) Business Ethics forum by facutly of veterinary medicine.
* March (2009) Time management by faculty of veterinary medicine.

**Postgraduate'**

1. **Managing the research team**. Faculty and Leadership Development Center (FLDC)- Assiut university December 2014.
2. **Quality standards in the teaching process (2)**. Faculty and Leadership Development Center (FLDC)- Assiut university December 2014.
3. **University administration**. Faculty and Leadership Development Center (FLDC)- Assiut university February 2015.
4. **Quality standards in the teaching process (1)**. Faculty and Leadership Development Center (FLDC)- Assiut university February 2015.
5. **Time and meetings management**. Faculty and Leadership Development Center (FLDC)- Assiut university February 2015.
6. **Profession behaviour**. Faculty and Leadership Development Center (FLDC)- Assiut university February 2015.
7. **Scientific research ethics**. Faculty and Leadership Development Center (FLDC)- Assiut university December 2021.
8. **Technical aspects of designing and conducting scientific research.** Faculty and Leadership Development Center (FLDC)- Assiut university December 2021.
9. **Statistical analysis in scientific research.** Faculty and Leadership Development Center (FLDC)- Assiut university December 2021.
10. **Rehabilitation training program for university teaching skills.** Faculty and Leadership Development Center (FLDC)- Assiut university January 2022.
11. **Organizing scientific conferences.** Faculty and Leadership Development Center (FLDC)- Assiut university January 2022.
12. **Effective management of time and work pressure.** Faculty and Leadership Development Center (FLDC)- Assiut university January 2022.
13. **Communication skills in different education styles.** Faculty and Leadership Development Center (FLDC)- Assiut university January 2022.
14. **Essential steps in data analysis for international publishing**. Faculty of science- Assiut university October 2022.
15. **Chairman in the 33rd annual meeting of Faculty of Medicine at Assiut University under title of (Faculty of Medicine in Community Service)** -Assiut university December 2022.
16. Training course in the use of **Electron Microscope** in the field of Research diagnosis and Applications of Nanotechnology **(2023)**
17. **Nineteenth Scientific Conference** **of Faculty of Veterinary Medicine at Assiut University** (2024).

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**Thesis Supervision and Joint research in scientific thesis:**

1-Evaluation of therapeutic effect and combination of tadalafil and dexlansoprazole against dexamethasone induced gastric ulcer in rats (Master’s degree). Doaa hamdy Pharmacology department

2- Effect of ruminal transfaunation on behavior, performance and some blood parameters of fattening lambs (Master’s degree). Ahmed elrawy

3- Effect of zonisamide and dexrazoxane in doxorubicin induced cardiotoxicity in rats (Master’s degree)

4- Master’s degree Magy Wael Abdelaziz Ali Pharmacology department

5- Master’s degree Naira Mohamed Pharmacology department

**References:**

For more information kindly contact:

## **Prof.** Hanan Sayed Mohamed Farghaly, Professor Faculty of Medicine, Pharmacology department, ِِAssiut University h.farghaly@aun.edu.eg

**Prof.** Madeha Hosny Ahmed Darwish, Dean Faculty of Veterinary Medicine, Assiut University darwishmadeha@aun.edu.eg