

ARAB REPUBLIC OF EGYPT

Ministry of Higher
Education



Benha
University

Curriculum Vitae



Abubakr Mohamed El-Mahmoudy
MSc, Pharmacology, Zagazig University, Egypt
PhD, Pharmacology, Gifu University, Japan
MSc, Clinical Chemistry, Benha University, Egypt
Professor Doctor of Pharmacology, Benha University, Egypt

I. PERSONAL INFORMATION

Name: Abubakr Mohamed Farag El-Mahmoudy

Nationality: Egyptian

Qualifications: BSc, Vet. Medical Sciences (1992)
MSc, Autonomic Pharmacology (1997)
PhD, ImmunoPharmacology (2003)
MSc., Clinical Chemistry (2010)

Social status: Married + 4 kids

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Date of Birth: May 6, 1970
Place of Birth: Menoufeya, Egypt

Current position: Professor Doctor of Pharmacology
Faculty of Vet. Medicine
Benha University, Egypt.

Work Address: Department of Pharmacology, Moshtohor Faculty of Vet.
Medicine, Benha University,
13736 Moshtohor, Qalioubeya, Egypt.

Home Address: 38 Gamal Abdelnasser Street, Shebeen Al-Koum City, Menoufeya
Governorate, Egypt.

EMPLOYMENT HISTORY

Time: From: 10-2016 to Current

Position: **Professor Doctor of Pharmacology**

Institute: Faculty of Veterinary Medicine,
Benha University, 13736 Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Pharmacology courses to undergraduate and postgraduate students;
- Teaching Lab of Pharmacology and pharmacology courses to postgraduate students;
- Scientific research & instructing junior researchers;
- Supervising Master and PhD theses.
- Quality assurance of Pharmacology subject teaching and evaluation for under and postgraduate courses.
- Data analysis and manuscript writing.

Time: From: 11-2010 to 7-2016
Position: Associate Professor of Pharmacology
Institute: Faculty of Veterinary Medicine,
Tripoli University, 13662 Tripoli City, Libya.

Duties:

- Teaching Pharmacology courses to undergraduate students;
- Teaching Lab of Pharmacology and pharmacology courses to postgraduate students;
- Scientific research & instructing junior researchers;
- Supervising Master theses.
- Data analysis and manuscript writing.

Time: From: 9-2009 to 11-2010
Position: Associate Professor of Pharmacology
Institute: Faculty of Veterinary Medicine,
Benha University, 13736 Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Pharmacology of Nervous, Respiratory, Reproductive systems.... etc. to undergraduate students;
- Teaching Lab of Pharmacology and pharmacology courses to postgraduate students;
- Scientific research for promotion to professor rank;
- Instructing junior researchers;
- Data analysis and manuscript writing.

Time: From: 12-2005 to 8-2009
Position: Assistant professor (Lecturer) of Pharmacology
Institute: Faculty of Veterinary Medicine,
Benha University, 13736 Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Pharmacology of Nervous, Respiratory and Reproductive systems ... etc. to undergraduate students;
- Teaching Lab of Pharmacology to postgraduate students;
- Scientific research for promotion to ass. professor rank;
- Instructing junior researchers;
- Data analysis and manuscript writing.

Time: From: 2-2004 to 12-2005
Position: Postdoctoral researcher
Institute: Gifu University, United Graduate School of Veterinary Science,
Yanagido 1-1, Gifu-Shi 501-1193, Japan.

Duties:

- Investigating neuromuscular transmission in chicken vasculature and hamster large intestine;
- Instructing junior students;
- Data analysis and manuscript writing;
- Instructing junior researchers.

Time: From: 11-2003 to 2-2004
Position: Lecturer of Pharmacology

Institute: Faculty of Veterinary Medicine,
Zagazig Univ.-Benha Br., 13736, Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Pharmacology of Nervous, Respiratory and Reproductive systems to undergraduate students;
- Teaching Lab of Pharmacology to postgraduate students;
- Scientific research for promotion to professor rank;
- Instructing junior researchers;
- Data analysis and manuscript writing.

Time: From: 11-1997 to 9-1999

Position: Assistant Lecturer of Pharmacology

Institute: Faculty of Veterinary Medicine,
Zagazig Univ.-Benha Br., 13736, Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Lab of Pharmacology to undergraduate students.

Time: From: 7-1994 to 11-1997

Position: Demonstrator of Pharmacology

Institute: Faculty of Veterinary Medicine,
Zagazig Univ.-Benha Br., 13736, Moshtohor, Qalioubeya, Egypt.

Duties:

- Teaching Lab of Pharmacology to undergraduate students

EDUCATIONAL BACKGROUND

i.

Time: From: 9-1987 to 12-1992

Institute: Faculty of Veterinary Medicine,
Zagazig University-Benha Branch, 13736, Moshtohor, Qalioubeya,
Egypt.

Degree obtained: Bachelor of Veterinary Medical Sciences (BVMSc);
Graded very good with honor.

ii.

Time: From: 7-1994 to 10-1997

Institute: Faculty of Veterinary Medicine,
Zagazig University-Benha Branch, 13736, Moshtohor, Qalioubeya,
Egypt.

Degree obtained: Master of Veterinary Medical Sciences (MVMSc;
PHARMACOLOGY);

iii.

Time: From: 9-1999 to 9-2003

Institute: Gifu University, United Graduate School of Veterinary Science,
Yanagido 1-1, Gifu-Shi 501-1193, Japan.

Degree obtained: Philosophy Doctor of Veterinary Medical Sciences (PhD;
PHARMACOLOGY);

iV.

Time: From: 9-2007 to 9-2010
Institute: Faculty of Veterinary Medicine,
Benha University, 13736 Moshtohor, Qalioubeya, Egypt.
Degree obtained: Master of Veterinary Medical Sciences (MVMSc;
CLINICAL BIOCHEMISTRY);

EXPERIENCE

A. TEACHING EXPERIENCE:

i. Practical pharmacology course to undergraduates (3rd grade BVMSc. Course)

- Handling of different laboratory animals including rats, mice, guinea-pigs rabbits and frogs;
- Methods of drug administration via various routes;
- Sampling;
- Demonstration of the different pharmacological actions of drugs on different body systems both in vivo and in vitro.
- Metrology, Prescription writing and Dispensing of some compounded prescriptions

ii. Theoretical pharmacology course to undergraduates (3rd grade BVMSc. Course)

- Drugs acting on autonomic nervous system
- Drugs acting on central nervous system
- Drugs acting on cardiovascular system
- Drugs acting on reproductive system
- Drugs acting on respiratory system
- Drugs acting on digestive system
- Drugs acting on urinary system
- Autacoids
- Drugs acting on skin
- Chemotherapy
- Drug Toxicology

iii. Theoretical pharmacology course to postgraduates (Master and PhD)

- Courses #77 and #78.

B. RESEARCH EXPERIENCE:

i. Autonomic Pharmacology:

- Neuromuscular transmission and neuroeffector mechanisms controlling physiological functions of different body organs especially intestinal peristalsis and vasculature.
- Interplays between more than one neurotransmitter as well as hypothesizing neural circuits regulating a certain function .

ii. Immunopharmacology:

Modulation of macrophage functions with drugs and nervous system as well as other humoral mediators, not only in the physiological condition but also in different diseased conditions characterized by immune disturbances.

iii. Phytopharmacology:

Investigating pharmacological effects of different plant extracts both in vitro and in vivo.

iv. Pharmacokinetics:

Pharmacokinetical analysis and calculations by both manual and electronic methods.

v. Clinical Chemistry:

Clinicochemical analysis of different parameters in all biological fluid samples by different analytical techniques.

SOCIETIES AND ASSOCIATIONS

- International Society for Autonomic Neuroscience (ISAN; 2005~2008)
- Japanese Pharmacological Society (JPS; 2000~2004)
- European Macrophage and Dendritic Cell Society (EMDS; 2001~ 2006)
- Japan Society for Bioscience, Biotechnology and Agrochemistry (JSBBA; 2004~2005)
- Endocrine Society (ES; 2004 ~ current)
- Egyptian Society of Pharmacology and Experimental therapeutics (Application submitted)

RECORD OF PUBLICATIONS:

1. H. Youssef & **A. El-Mahmoudy**: Evaluation of the Antimicrobial Potential of Punica Granatum Leaves Hydro-methanolic Extract against Selected Pathogens. American Journal of Current Microbiology 2019, 7(1): 1-11.
2. I. Gheith & **A. El-Mahmoudy**: Hepcidin-orchestrated hemogram and iron homeostatic patterns in two models of subchronic hepatic injury. Biomedical and Environmental Sciences 2019, 32(3): 153-161.
3. I. Gheith & **A. El-Mahmoudy**: Hemogram and iron indices in renal anaemia and the amelioration with Carica papaya leaf extract applied on albino rat model. BioScience Reports 2019, 39 BSR20181699.
4. I. Gheith & **A. El-Mahmoudy**: Amelioration of hyperlipidemia and atherosclerosis risk index by Moringa oleifera leaf extract. Life Science Journal 2019, 16(2): 10-17.
5. I. Gheith & **A. El-Mahmoudy**: Protective potential of Avena sativa seed mucilaginous extract against hyperlipidemia indicated by improved biomarkers and histopathology. Journal of Medicinal Plants Research 2019, 13(1): 1-8.
6. I. Gheith & **A. El-Mahmoudy**: Laboratory evidence for the hematopoietic potential of Beta vulgaris leaf and stalk extract in phenylhydrazine model of anemia. Brazilian Journal of Medical and Biological Research 2018, 51(11) e7722.

7. I. Gheith & **A. El-Mahmoudy**: Assessment of the antimicrobial potential of the hydro-methanolic extract of Sidr (*Ziziphus spina-christi*) plant against selected pathogens *in vitro*. Life Science Journal 2018, 15(9): 27-34.
8. I. Gheith & **A. El-Mahmoudy**: Novel and classical renal biomarkers as evidence for the nephroprotective effect of Carica papaya leaf extract. Bioscience Reports 2018, 38(5): 1-10.
9. **Abubakr El-Mahmoudy**, Ibsam Gheith, Abdelrazzag Elmajdoub & Shaban Awidat. In vivo assessment of the antipyretic activity of tilmicosin. African Journal of Pharmacy and Pharmacology 2018, 12(4): 176-182.
10. I. Gheith & **A. El-Mahmoudy**: Potent anti-oxidant and anti-inflammatory potentials of *Punica granatum* leaf and flower hydromethanolic extracts *in vitro*. Bioscience Journal 2017, 33(2): 434-446.
11. Nasser Ehmeza, Abdelrazzag Elmajdoub, Abdurazzag Abusnina, Emad Bennour, Giuma Elhafi, **Abubakr El-Mahmoudy**. Comparative safety profiles of two enrofloxacin generics after repeated intracrop administration to broilers. International Journal of Biological Research 2016, 4(2): 170-176.
12. Nasser Ehmeza, Abdelrazzag Elmajdoub, **Abubakr El-Mahmoudy**. Comparative pharmacokinetics and absolute bioavailabilities of two enrofloxacin generic preparations after single intracrop bolus administrations to broiler chickens. International Journal of Pharmacology and Toxicology 2016, 4(2): 115-122.
13. **Abubakr El-Mahmoudy**. Pharmacokinetics of lornoxicam in rabbits after single intravenous bolus and intramuscular administrations. International Journal of Pharmacology and Toxicology 2016, 4(1): 66-73.
14. **Abubakr El-Mahmoudy**, Ibsam Gheith, Abdelrazzag Elmajdoub & Shaban Awidat. Assessment of the Antipyretic Activity of Tilmicosin in Mice. Veterinarni Medicina, (Accepted).
15. Hanady Awadallah, Shaban Awidat, **Abubakr El-Mahmoudy**. Pharmacokinetics of clarithromycin after single intravenous and intracrop bolus administrations to broiler chickens. International Journal of Pharmacology and Toxicology, 4(1): 12-18.
16. Abdelrazzag Elmajdoub, Aboubaker Garbaj, Said Abolghait & **Abubakr El-Mahmoudy**. Evaluation of Boldenone as a growth promoter in broilers: Safety and Meat quality aspects. Journal of Food and Drug Analysis, 24: 284-292.
17. **Abubakr El-Mahmoudy** & Ibsam Gheith. The anti-nociceptive potential of tilmicosin against chemical-induced but not thermal-induced pain in mice. International Journal of Immunopathology & Pharmacology (2016), Vol. 29(1) 9–16.
18. Ibsam M Gheith, Hani A Ozbak, Hassan A Hemeg & **AbuBakr M El-Mahmoudy**. Modulation of acute phase parameters of inflammation by probiotics in albino rats. European Journal of Inflammation 1-10, DOI 10.1177/1721727X15590937.
19. Ibsam Gheith, **Abubakr El-Mahmoudy**, Abdelrazzag Elmajdoub & Shaban Awidat. Pharmacovigilance of Tilmicosin in Mice. Acta Scientiae Veterinariae, 2015. 43: 1318

20. Warida M. El-Rwegi, Amer A. Elgerwi, **Abubakr M. El-Mahmoudy**. Effects of non-selective (piroxicam) and selective (meloxicam) cyclo-oxygenase inhibitors on the intestinal contractility of rabbits. *International Journal of Basic & Clinical Pharmacology* 2015; 4 (5): 924-930.
21. Warida El-Rwegi, Amer Elgerwi and Abubakr El-Mahmoudy. Effects of selected cyclo-oxygenase inhibitors on cardiovascular preparations in rabbits. *International Journal of Pharma Sciences* 2015; 5 (5): 1249-1254.
22. Jamela Elasough, Amer Elgerwi, Ibrahim Eldaghayes and **Abubakr M. El-Mahmoudy**. Residual evaluation of oxytetracycline in camel edible tissues in Tripoli region, Libya. *Current Research in Microbiology and Biotechnology* 2015; 3 (5): 718-724.
23. Abdelrazzag A. Elmajdoub, Shaban Kh. Awidat, **Abubakr M. El-Mahmoudy**. Anti-inflammatory potential of *Agaricus* in carrageenan-induced model of local inflammation in rats. *International Journal of Basic & Clinical Pharmacology* 2015; 4 (3): 497-502.
24. **A. El-Mahmoudy**, F. Abdel-Fattah, A. Desouky, I. Gheith. Effect of the new growth promotant Mannan-Oligosaccharide on the lipogram and organ function profile in hyperlipidemic albino rats. *American Journal of Phytomedicine and Clinical Therapeutics* 2014; 2(3): 334-347.
25. **A. El-Mahmoudy**, A. Abdelaleem and A. Desouky. Pharmacodynamic Evaluation of *Hibiscus Sabdariffa* Extract for Mechanisms Underlying its Antihypertensive Action: Pharmacological and Biochemical Aspects. *Journal of Physiology & Pharmacology Advances* 2014, 4(6): 379-388.
26. A. El-Magdoub, A. Elgerwi, Sh. Kalfalla & **A. El-Mahmoudy**. Effects of amoxicillin repeated administration on the hemogram and biogram of sheep. *International Journal of Basic & Clinical Pharmacology* 2014; 3(4) 676-680.
27. A. Elgerwi, A. El-Magdoub and **A. El-Mahmoudy**. Qualitative identification of the active principles in *Citrullus colocynthis* and evaluation of their teratogenic effects in albino rats. *International Journal of Basic & Clinical Pharmacology* 2013; 2(4): 438-445.
28. **A. El-Mahmoudy**, S. Shousha, H. Abdel-Maksoud & O. Abou Zaid. Effect of Sildenafil abuse on lipid profile and organ functions in hyperlipidemic rats. *Acta Biomedica* 2013; 84: 12-22.
29. A. Elgerwi, Z. Benzekri, S. Awaidat, A. El-Magdoub, A. Abusnina, **A. El-Mahmoudy**. Subchronic haemotoxicity and histotoxicity of *Citrullus colocynthis*. *Journal of American Science* 2013; 9(5): 79-87.
30. H. Abdel-Maksoud, Y. El-Senosi, A. Desouky, R. Sorour, A. Elgerwi & **A. El-Mahmoudy**. Antihyperlipidemic effect of iced black tea (*Camellia sinensis*) extract. *Molecular & Clinical Pharmacology* 2012, 3(1), 8-20.
31. Marwan Draid, **AbuBakr El-Mahmoudy**, Yasutake Shimizu, Takahiko Shiina, Tadashi Takewaki. Relationship between ATP-induced membrane potential and

- contraction in smooth muscle of chicken anterior mesenteric artery. *Molecular & Clinical Pharmacology* 2012, 3(1), 40-46.
32. **A. El-Mahmoudy**, M. E. Mahmoud, M. Draid, A. El-Magdoub and S. Awidat. Sulphadimidine suppresses major histocompatibility complex (MHC) expression in broiler chicken. *Br. J. Pharmacol. Toxicol.*, 2012, 3(3): 135-139.
 33. A. El-Magdoub, S.K. Awidat, M. Draid, A. Elgerwi and **A. El-Mahmoudy**. Effect of Intramuscular Injection of Tobramycin on Some Biochemical Parameters in Blood of Sheep. *Int. J. Anim. Vet. Adv.*, 2012, 4: 130-134.
 34. S. K. Awidat, A. A. El-Majdoub, M. Draid, R. Ismaeil and **A. El-Mahmoudy**. Neurotransmitters Mediating Excitatory Response Of Bovine Mesenteric Artery. *Benha Vet. Med. J.*, 2009, 20: 693-704.
 35. **AbuBakr El-Mahmoudy**, Maisa Khalifa, Randa Ismail, Tadashi Takewaki. Interaction Between Acetylcholine And ATP in Controlling The Longitudinal Smooth Muscle of Chicken Anterior Mesenteric Artery. *Benha Veterinary Medical Journal*, (2008), 19: 89-105.
 36. **A. El-Mahmoudy**, A. M. Abdou, A. Aboueleinin, T. Takewaki, M. Kim. Pharmacological evidence for the antihypertensive effect of an egg white-derived peptide. Proceeding of the 2nd Scientific Conference, Fac. Vet. Med., Benha Univ., Benha-Ras Sedr, 25-28 Jan, 2007: 72-88
 37. Borghan M, Mori Y, **El-Mahmoudy A**, Ito N, Sugiyama M, Takewaki T, Minamoto N. Induction of nitric oxide synthase by rotavirus enterotoxin NSP4: implication for rotavirus pathogenicity. *J Gen Virol.* 2007, 88:2064-72.
 38. T. Shiina, **A. El-Mahmoudy**, Y. Shimizu, T. Takewaki. Purinergic control of the quail rectum: Modulation of adenosine 5'-triphosphate-mediated contraction with acetylcholine. *Res Vet Sci*, 2006.
 39. **A. El-Mahmoudy**, M. Khalifa, T. Shiina, Y. Shimizu, M. El-Sayed, T. Takewaki. NANC inhibitory neuromuscular transmission in the distal colon of the hamster. *Pharmacol Res* 2006, 54:452-460.
 40. M. Draid, T. Shiina, **A. El-Mahmoudy**, A. Boudaka, Y. Shimizu, T. Takewaki. Neurally released ATP mediates endothelium-dependent hyperpolarization in circular smooth muscle cells of chicken anterior mesenteric artery. *Br. J. Pharmacol.* 2005, 146:983-989.
 41. M. Khalifa, **A. El-Mahmoudy**, T. Shiina, Y. Shimizu, M. El-Sayed, H. Kobayashi, T. Takewaki. An electrophysiological study of excitatory purinergic neuromuscular transmission in longitudinal smooth muscle of chicken anterior mesenteric artery. *Br. J. Pharmacol.* 2005, 144:830-839.
 42. **A. El-Mahmoudy**, Y. Shimizu, T. Shiina, T., M. El-Sayed, T. Takewaki. Macrophage-derived cytokine and nitric oxide profiles in type I and type II diabetes mellitus: Effect of thymoquinone. *Acta Diabetol.* 2005, 42:23-30.
 43. **A. El-Mahmoudy**, Y. Shimizu, T. Shiina, H. Matsuyama, M. El-Sayed, T. Takewaki. Successful abrogation by thymoquinone against induction of diabetes

mellitus with streptozotocin via nitric oxide inhibitory mechanism. *Int. Immunopharmacol.* 2005, 5: 195~207.

44. **AbuBakr El-Mahmoudy.** Immunological and pharmacological studies on modulation of macrophage system by thymoquinone. *PhD Thesis, 2003.*
45. **A. El-Mahmoudy,** H. Matsuyama, M. Khalifa, Y. Shimizu, T. Takewaki. Tachykinins mediate non-adrenergic, non-cholinergic excitatory neurotransmission to the hamster ileum via NK1 and NK2 receptors. *Life Sci.* 2003, 73:1939-1951.
46. **AbuBakr El-Mahmoudy,** Yasutake Shimizu, Matsuyama Hayato and Tadashi Takewaki. Thymoquinone prevents progression of diabetes mellitus via nitric oxide inhibitory pathway (Abstract). *J Pharmacol Sci* 2003, 91, *Suppl I:3P394.*
47. Hayato Matsuyama, **AbuBakr El-Mahmoudy,** Yasutake Shimizu, Toshihiro Unno, Seiichi Komori and Tadashi Takewaki. Evidence that endogenous NO may inhibit purinergic neuromuscular transmission in the hamster proximal colon (Abstract). *J Pharmacol Sci* 2003, 91, *Suppl I:3H1530.*
48. Yasutake Shimizu, Hayato Matsuyama, **AbuBakr El-Mahmoudy,** and Tadashi Takewaki. Nitric oxide released from intrinsic neurons modulates vagally-mediated striated muscle contractions in the hamster esophagus (Abstract). 2003, 91, *Suppl I:2P042*
49. Hayato Matsuyama, **AbuBakr El-Mahmoudy,** Toshihiro Unno, Tadashi Takewaki, Yasutake Shimizu and Seiichi Komori. Mechanisms of non-adrenergic, non-cholinergic inhibitory transmission colonic smooth muscle (Abstract). *The 4th International Symposium on Receptor Mechanisms, Signal Transduction and Drug Effects; May 22nd~24th 2003, Fukui, Japan.*
50. H. Matsuyama, **A. El-Mahmoudy,** Y. Shimizu, T. Takewaki. Nitrergic prejunctional inhibition of purinergic neuromuscular transmission in the hamster proximal colon. *J. Neurophysiol.* 2003, 89(5):2346-53.
51. S. Thapaliya, H. Matsuyama, **A. El-Mahmoudy,** Y. Shimizu, T. Takewaki. An endothelium-derived factor modulates purinergic neurotransmission to mesenteric arterial smooth muscle of hamster. *Eur. J. Pharmacol.* 2003, 462:129-137.
52. **A. El-Mahmoudy,** H. Matsuyama, M.A. Borgan, Y. Shimizu, M.G. El-Sayed, N. Minamoto, T. Takewaki. Thymoquinone suppresses expression of inducible nitric oxide synthase in rat macrophages. *Int. Immunopharmacol.* 2002, 2:1603-1611.
53. H. Matsuyama, T. Unno, **A.M. El-Mahmoudy,** S. Komori, H. Kobayashi, S. Thapaliya and T. Takewaki. Peptidergic and nitrergic inhibitory neurotransmissions in the hamster jejunum: Regulation of vasoactive intestinal peptide release by nitric oxide. *Neuroscience* 2002, 110(4): 779-788.
54. Hayato Matsuyama, **AbuBakr El-Mahmoudy,** Sharada Thapaliya, and Tadashi Takewaki. Interplay of nitrergic and Peptidergic neurons in the hamster jejunum (Abstract). *Jap J Pharmacol* 2001, 85, *Suppl. I: 68P.*
55. **AbuBakr El-Mahmoudy;** Some pharmacological effects of *Nigella sativa* oil. *Master Thesis, 1997.*

INVITED BOOK CONTRIBUTIONS:

1. **A. El-Mahmoudy**, Y. Shimizu, T. Takewaki. Neuroeffector mechanisms of the non-adrenergic, non-cholinergic inhibitory transmission in the large intestine. Recent Res. Devel. Physiol., 2005: ISBN: 81-308-0069-1.
2. **H. Matsuyama**, A. El-Mahmoudy, T. Takewaki. Mechanism of inhibitory transmission at enteric neuroeffector junctions. Recent Res. Devel. Physiol., 2003: ISBN:81-7736-199-6.

SCIENTIFIC MEETINGS AND CONFERENCES:

1. International Conference of Pharmacy and Pharmacology, ICPP 2013: (24th -25th December 2013, Bangkok, Thailand)
2. 13th annual meeting of Safety Pharmacological Society – SPS – Rotterdam, the Netherlands; 16-19 Sep, 2013. (Abstract code: 039).
3. II International Conference on Antimicrobial Research - ICAR2012- Lisbon, Portugal; 21st -23rd November 2012. (Abstract code: 375).
4. 12th annual meeting of Safety Pharmacological Society – SPS – Phoenix, Arizona, USA; 1-4 October, 2012. (Abstract code: 065).
5. 10th annual meeting of Safety Pharmacological Society – SPS – Boston, Massachusetts, USA; 20-23 September, 2010. (Abstract code: 030).
6. The 3rd scientific conference, Faculty of Veterinary Medicine (Moshtohor), Benha University , Jan 29- Feb 1, 2009, Benha-Ras Sedr, Egypt.
7. The 2nd scientific conference, Faculty of Veterinary Medicine (Moshtohor), Benha University, Veterinary Medicine and its positive role in development, January 25-28, 2007, Benha-Ras Sedr, Egypt.
8. The 4th International Symposium on Receptor Mechanisms, Signal Transduction and Drug Effects; May 22nd~24th 2003, Fukui, Japan.
9. Seminar on smooth muscle and vascular endothelium; May 10th, 2003; Osaka, Japan.
10. The 76th Annual meeting of The Japanese Pharmacological Society (March 24-26, 2003; Fukuoka, Japan).
11. The 74th Annual meeting of The Japanese Pharmacological Society (March 21-23, 2001; Yokohama, Japan).

ACADEMIC COURSES

MASTER COURSES

Institute:

Moshtohor Faculty of Veterinary Medicine, Benha University,
13736 Moshtohor, Toukh, Qalioubeya, Egypt.

Courses:

| NAME | GRADE |
|---------------------|-----------|
| • Vet. Pharmacology | Very good |
| • Theriogenology | Very good |
| • Animal Medicine | Good |
| • Immunology | Very good |
| • Computer | Pass |

Ph.D. COURSES

In Egypt

Institute:

Moshtohor Faculty of Veterinary Medicine, Benha University,
13736 Moshtohor, Toukh, Qalioubeya, Egypt.

Courses:

| NAME | GRADE |
|------------------------|-----------|
| • General Pharmacology | Very good |
| • Pharmacology of CNS | Excellent |
| • Immunology | Very good |

In Japan (Scholarship):

Institute:

United Graduate School of Veterinary Science, Gifu University,
Yanagido 1-1, Gifu-Shi 501-1193, Japan.

Courses:

| NAME | GRADE |
|--|-----------|
| • Veterinary Special lectures | Excellent |
| • Molecular Pharmacology | Excellent |
| • Autacoid Pharmacology | Excellent |
| • Special advanced seminar in Pathogenetic vet. science | Excellent |
| • Advanced lab. experiments in Pathogenetic vet. science | Excellent |
| • Comparative Histology | Good |
| • Applied Pharmacology | Excellent |
| • Surgical Immunology | Excellent |

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|-------------------------------------|-----------|
| • Companion and Wild Bird Pathology | Excellent |
| • Vaccinology | Excellent |
| • Applied Molecular Biology | Excellent |
| • Pathology of myogenic myopathy | Excellent |
| • Pharmacology of the motor nerves | Excellent |

RESEARCH SKILLS:

- Pharmacological techniques as Pharmacodynamics including actions and mechanisms of actions of drugs and plant extracts on different body systems in different laboratory animals both in vitro and in vivo.
- Pharmacokinetical analysis by manual methods and electronic software as WinNonLin.
- Phytopharmacological techniques
- Clinicochemical techniques.
- Laboratory animals handling, administration of drugs via various routes, sampling, surgeries...etc.
- Electrophysiological techniques as microelectrode recording and related skills.
- Cell culturing and related skills.
- Molecular biological techniques like Western Blotting Analysis, Reverse Transcription-Polymerase Chain Reaction (RT-PC).
- Basic biochemical techniques including Spectrophotometry, ELISA,...etc.
- Staining techniques including Immunostaining and Immunocytochemistry.
- Some computer applications like word, power point, excel...etc.
- Statistical analysis of biological experiments by simple methods as Student's t-test.
- Writing manuscripts in forms suitable for publication.

Funded research projects:

- Cytokines in Daiabetes mellitus and the modulating role of thymoquinone. By Japanese Science Society (JSS), Japan, 2003.
- Cardiovascular effects of an egg-white-derived peptide. By PharmaFoods Co. Ltd. (PFI), Japan, 2004.
- A laboratory investigative study on the potential of some Libyan medicinal plants as fertility enhancers in males. National Agency for Scientific Research, Tripoli, Libya, 2014.
- Evaluation of pharmacokinetic and safety profiles of antibacterial veterinary generic preparations in the Libyan drug market. National Agency for Scientific Research, Tripoli, Libya, 2014.
- Pharmacological screening of marine plants growing at the Meditranean sea coast of Tripoli, Libya. Marine Biology Research Centre, Tajura, Libya, 2015.

Supervised Theses:

- Possible protective effect of alpha lipoic acid on ciprofloxacin-induced adverse effects on male reproductive organs. PhD Thesis, Mr. Pharmacist / Hozaiifa Khalil Elsayed Elsayah, 2020 (Current).
- Possible protective effect of ginseng on ciprofloxacin-induced adverse effects on male reproductive organs. PhD Thesis, Mr. Pharmacist / Haitham Mohamed Mokhemar Ibrahim, 2020 (Current).
- Clinicopathological and immunological studies on the effects of dietary zinc on broilers. PhD Thesis, Nourhan Mousa Omar Eraqi, 2020 (Current).
- Clinicopathological and immunological studies on the effects of feeding with selenium from different sources on broilers. PhD Thesis, Laila Abdelrahman Shawqat Abdelghani, 2020 (Current).
- A pharmacological study on some immune enhancers in non-vaccinated poultry and those vaccinated against some diseases. Master Thesis, Amira Nasr El-din Hassan, 2019 (Current).
- Pharmacological study to evaluate the effects of gentamicin and amikacin on male fertility. Master Thesis, Mr. Pharmacist / Hozaiifa Khalil Elsayed Elsayah, 2017 (Completed in 2020).
- Pharmacological study to evaluate the effects of Ciprofloxacin and Levofloxacin on male fertility. Master Thesis, Mr. Pharmacist / Haitham Mohamed Mokhemar Ibrahim, 2017 (Completed in 2020).
- Residual evaluation of commonly used antibacterials for camels in Tripoli, Libya. Master Thesis, Jamela Mohamed Elsayah, 2010 (Completed in 2014).
- Some pharmacodynamic studies on cyclo-oxygenase inhibitors in rabbits. Master Thesis, Warida Masoud El-Rwegi, 2012 (Completed in 2015).
- Pharmacokinetics of clarithromycin in broiler chickens. Master Thesis, Hanady Abdalhaq AwadAllah, 2012 (Completed in 2016).
- Bioequivalence study of two enrofloxacin Preparations in broilers. Master Thesis, Nasser Taher Ehmeza, 2012 (Completed in 2016).

Judged Theses:

- Protective effect of Vitamin E on DNA damage induced by ciprofloxacin in rats. Master Thesis, Shima Gamal Said Abonashy (2018).
- Pharmacokinetics, bioavailability and tissue residues of apramycin in normal chickens and *Escherichia coli* infected broiler chickens. Master Thesis, Asmaa Ahmed El-Sayed Soliman (2018).

- Protective Effect of Curcumin Against Adverse Effects of Meloxicam in Rats. Master Thesis, Amany Mohamed Abdelwahed (2017).
- Pharmacokinetics of some drugs. PhD Thesis, Faten Ibrahim Elsayed (2017).
- Some pharmacological effects of two drugs. PhD Thesis, Dalia Desouky Ibrahim Edeid (2017).
- Some pharmacological studies of some essential oils. Master Thesis, Haissam Samir Ibrahim Heikal, 2016.

NON-SCIENTIFIC TRAINING PROGRAMS

i. Decision making and problem solving

Time: From: 9-7-2007 to 11-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

ii. Course design

Time: From: 2-7-2007 to 4-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

iii. Scientific report writing

Time: From: 2-7-2007 to 4-7-2007

Institute: Benha University, Benha City, Qalioubeya, Egypt.

iv. Concepts of IT:

Time: From: 24-5-2008 to 30-5-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

v. Using computers and managing files

Time: From: 27-5-2008 to 2-6-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

vi. Word processing

Time: From: 31-5-2008 to 6-6-2008

Institute: Benha University, Benha City, Qalioubeya, Egypt.

vii. Time management

Time: From: 3-10-2016 to 5-10-2016

Institute: Benha University, Benha City, Qalioubeya, Egypt.

viii. Self-assessment

Time: From: 11-10-2016 to 13-10-2016 (morning sessions)

Institute: Benha University, Benha City, Qalioubeya, Egypt.

ix. Electronic websites

Time: From: 11-10-2016 to 13-10-2016 (afternoon sessions)

Institute: Benha University, Benha City, Qalioubeya, Egypt.

x. **Advanced PowerPoint**

Time: From: 15-10-2016 to 17-10-2016
Institute: Benha University, Benha City, Qalioubeya, Egypt.

xi. **Effective presentation**

Time: From: 18-10-2016 to 20-10-2016 (morning sessions)
Institute: Benha University, Benha City, Qalioubeya, Egypt.

xii. **Statistical analysis**

Time: From: 18-10-2016 to 20-10-2016 (afternoon sessions)
Institute: Benha University, Benha City, Qalioubeya, Egypt.

WORKSHOPS

i. **Experimental design**

Time: 3-3-2008
Institute: Benha University, Benha City, Qalioubeya, Egypt.

ii. **Reference academic standards**

Time: 26-7-2009
Institute: Benha University, Benha City, Qalioubeya, Egypt.

iii. **Preparation of research manuscripts and scientific theses**

Time: From: 4-11-2009
Institute: Benha University, Benha City, Qalioubeya, Egypt.

iv. **International publishing and ethics**

Time: From: 9-11-2009
Institute: Benha University, Benha City, Qalioubeya, Egypt.

v. **Research project application**

Time: From: 23-11-2009
Institute: Benha University, Benha City, Qalioubeya, Egypt.

vi. **Academic guidance:**

Time: From: 10-12-2009
Institute: Benha University, Benha City, Qalioubeya, Egypt.

vii. **Requirements for success in drug fields**

Time: From: 22-3-2010
Institute: Benha University, Benha City, Qalioubeya, Egypt.

COMMUNICATION SKILLS:

- Arabic: Mother tongue
- English: Good; TOEFL scored 563 (old scoring system), dated 1999.
- Japanese: Fair; Japanese language Class "A", dated 2000

AWARDS

- From Egyptian Syndicate for Veterinarians:
Award of the senior of the graduates of the year 1992
- From Egyptian Ministry of Higher Education:
Four years' scholarship to study PhD in Japan
- From United Graduate School of Veterinary Sciences, Japan:
Two years' scholarship to conduct scientific research in Japan

<Last updated on 2020>