

## CURRICULUM VITAE



**Briefly:** Currently I'm a professor of pharmacology Dept. Veterinary college, Suez Canal University. I'm consultant at Egyptian Food Safety Authority & head of the Veterinary drug Residues Committee at EFSA. I had joined United Nation Development Program (UNDP) in January 2011, as expert and doing my work as consultant for Saudi Food & Drug Authority (SFDA). I received my PhD in Veterinary Pharmacology from Toyama Medical & pharmaceutical University, Japan, in cooperation with Suez Canal University, Egypt (1993-1996). After my PhD, I am awarded a Postdoctoral Fellowship from Japan Society for Promotion of Science (JSPS) (1998- 2000) and I have got a position as Visiting Professor at Toyama Medical & pharmaceutical University, Japan since 2000. In addition, in 2006, I got a professor degree at Suez Canal University, Egypt.

**Name:** Abdel-Fattah Mohamed Abdel-Fattah Aly

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**Date of birth:** 9 March, 1962

**Place of birth:** El-Khanka, Kaliobia province, Egypt

**Marital status:** Married

**Nationality:** Egyptian

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**Present affiliation:**

- Professor of pharmacology Dept. Veterinary College, Suez Canal University, Ismailia, Egypt.
- Consultant at National Egyptian Food Safety Authority & head of the Veterinary drug Residues Committee at NFSA.

**Previous affiliation:**

- Egyptian National Expert at FAO project entitled "The progressive Management Pathway for Improving Aquaculture Biosecurity" (PMP/AB) (TCP/EGY/3802/C2, FAO-Egypt); Sponsor of the FAO project entitled "Best management practice & antimicrobial usage in aquaculture"
- Expert at United Nation Development program (UNDP): work at Saudi Food & Drug Authority (SFDA) as Consultant, Food Sector, responsible for setting technical guideline for food, animal feed, feed additives & drugs participating in setting Monitoring plan for contaminants in food & feed.
- Staff Member in Veterinary Drug Control Registration Dept, Animal Resources Section, Ministry of Agriculture, Al-Riyadh, Saudi Arabia, responsible for evaluation of submitted file for drug registration.

**Job Position status:**

- ١- Head of Pharmacology Dept., Fac. Vet. Med., Suez Canal University, Ismailia, Egypt.
- ٢- An expert affiliated with the United Nations Development Program (UNDP): a consultant to the Food and Drug Authority (SFDA) since January-2011, in the food sector, (responsible for developing technical guidelines for veterinary medicines, Animal feed and feed additives, and participating as a member in developing technical

specifications and regulations, for food and feed, training of inspectors on GMP quality systems and HACCP system.

- ٣- Specialist in veterinary medicines - Department of Veterinary drug Registration & Licensing - Department of Animal Resources - Ministry of Agriculture - Kingdom of Saudi Arabia as of 4/9/2003 (responsible for evaluation of the files of veterinary drugs, hormones, vaccines and feed additives submitted for registration and obtaining a marketing license in the Kingdom of Saudi Arabia).
- ٤- Professor at the Department of Pharmacology and Toxicology - College of Veterinary Medicine - Suez Canal University Since 06/26/2006.
- ٥- Associate Professor at the Department of Pharmacology-College of Veterinary Medicine - Suez Canal University Since 06/26/2006.
- ٦- Visiting Professor at the Institute of Oriental Medicine - Toyama Medical & pharmaceutical University, Japan, from June 2000 until November 2001.
- ٧- A scientific mission at the expense of the Japanese government (funded by the Japan Society for Promotion of Science (JSPS)) to work on a project affiliated with Toyama Medical & pharmaceutical University, Japan from June 1998 until June 2000.
- ٨- Lecturer in the Department of Pharmacology and Toxicology - Faculty of Veterinary Medicine - Suez Canal University, starting February 13, 1996.
- ٩- A scientific fellowship at the expense of the Egyptian government to Toyama University of Medicine and Pharmacy in Japan, starting from May 1993 until August 1995 to finish the practical part of the doctoral thesis.
- ١٠- Assistant Lecturer, Department of Medicines and Toxicology - College of Veterinary Medicine - Suez Canal University, starting

February 6, 1991.

١١- Demonstrator at Pharmacology Dept., Fac. Vet. Med., Suez Canal University, Ismailia, Egypt

### **Educational qualification:**

<b>Degree</b>	<b>Year</b>	<b>Subject</b>	<b>University / Institute</b>
<b>Professor of Pharmacology</b>	2006	Vet. Pharmacology	Fac. Vet. Medical, Suez Canal University, Ismailia, Egypt
<b>Associate prof</b>	2001	Vet. pharmacology	Fac. Vet. Medical, Suez Canal University, Ismailia, Egypt
<b>Post Doctor</b>	1998-2000	Vet. pharmacology	Toyama Medical &Pharmaceutical University, Toyama, Japan
<b>Ph.D.</b>	1990-1995	Vet. Pharmacology	Toyama Medical &Pharmaceutical University, Toyama, Japan & Fac. Vet. Medical, Suez Canal University, Ismailia, Egypt
<b>Master Degree</b>	1987-1990	Vet. Pharmacology	Fac. Vet. Mod., Suez Canal University, Ismailia, Egypt
<b>Bachelor Veterinary Medicine</b>	1980-1985	Vet. Medical Sciences	Fac. Vet. Mod., Cairo University, Cairo, Egypt

### **Technical Experience:**

١. Assessment of Risk in Food, feeds & additives.
٢. Setting annual monitoring plan for contaminants in food & feeds.
٣. Setting technical standards & regulations related Food, feeds & additives.
٤. Setting mandatory technical standards related to food & feed contaminants in compliance with Codex directions.
٥. Setting technical standards & regulations related to aquaculture feeds.

٦. Participate in setting food law and feed law, KSA issued at 1435H.
٧. Participate in setting food and feed bylaws, KSA issued at 1439H.
٨. Assessment of submitted file for drug & vaccine registration in Saudi Arabia.

**Master Thesis Title:**

Role of some antibiotic in treatment of bacterial diarrhea in new born (Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt).

**PH. D. Thesis Title:**

Neuropharmacological studies on Peganum harmala and its pure components, harmine and harmaline with special reference to the serotonergic system in rats (Toyama Medical and Pharmaceutical University, Toyama, Japan in Co-operation Channel System between Japan and Egypt).

**The applicant participates and attend in the following activities:**

١. Participation as a lecturer in the workshop held at the International Center for Fisheries, sponsored by the American Soy Center, entitled "Biosecurity in Egyptian Aquaculture," from February 18 to 23, 2023.
٢. 3. Participation by giving a lecture at the conference organized by the FAO in Alexandria, entitled "Practices in the use of veterinary drugs in fish farming in Egypt" from March 25-28, 2022.
٣. 4. Participation in the CODEX COLLOQUIUM FOR THE MIDDLE EAST AND NORTH AFRICA REGION from 12-14 September 2021 in the United Arab Emirates.

- ξ. Participation by giving a lecture in the workshop held at the International Fish Center, sponsored by the American Soy Center, entitled "BMPs & Biosecurity for Aquaculture Sustainability" from November 24-27, 2021.
- ο. Participation in the Codex meetings (CCRVDF25) as a representative within the Egyptian delegation to discuss antimicrobial drug residues in animal products from 12-16 July 2021.
- ϕ. Participation as principal speaker in the workshop related to the application of the GMP system and the HACCP system in the manufacture of aquaculture feed, under the supervision of the Food and Drug Authority in Jeddah on 3/14/15/2018.
- ϗ. Saudi FDA Annual conference held on Riyadh at 4/4/2018, as lecturer on title ""The hygienic requirements for poultry by-product processing plants"
- ⊕. Saudi FDA Annual conference held on Riyadh at 7-9/11/2017, as lecturer on title ""Role of legislation and procedures governing the feed circulation in reducing risks"
- ϑ. Workshops concerning Application of GMP and HACCP system in Feed mills, under supervision of SFDA held on Jeddah at 14-15/11/2017.
- ϒ. Workshops concerning Feed safety, under supervision of SFDA held on Dammam at 24-25/11/2017.
- ϓ. Workshops concerning Feed regulations, under supervision of SFDA held on Riyadh at 18-19/11/2017.
- ϔ. Workshops concerning Food defense, under supervision of USDA held on Riyadh at 5/4/2016.
- ϕ. Workshops concerning "Quality Day, under supervision of SFDA held on Riyadh at 22/11/2015.

١٤. Workshops concerning “Animal feed Product Registration”, under supervision of SFDA held on Jeddah city at 11/12/2014.
١٥. Workshops concerning Insecticide management, under supervision of SFDA held on Riyadh at 16/12/2014.
١٦. Workshops concerning Insecticide residues: MRL & Risk assessment, under supervision of SFDA held on Riyadh at 21/10/2014.
١٧. Workshops concerning “Animal feed establishment licensing & Registration”, under supervision of SFDA held on Riyadh at 27/11/2013.
١٨. Workshops concerning Biological hazards and surveillance, under supervision of SFDA held on Riyadh at 13-15/4/2012.
١٩. Workshops concerning Animal Health Completion :  
Diagnosis of Animal  
Diseases and their control under supervision of FAO from 4-15  
April 2009; held at The Technical College – Gazan, Kingdom of  
Saudi Arabia.
٢٠. Workshops of Preparing for a Regulatory Inspection of  
Pharmaceutical Manufacturing under supervision of MHRA  
consultant from 4<sup>th</sup> to 6<sup>th</sup> April, 2009, held at Riyadh Marriot Hotel;  
Kingdom of Saudi Arabia.
٢١. Workshops of the National Pharmacovigilance Center  
Launching Symposium "Drug Safety a Global Concern" organized  
by SFDA during the period 30-31 March 2009 in Riyadh, Kingdom  
of Saudi Arabia.
٢٢. Workshops of Avian Influenza organized by Poultry  
Production Association during the period 25-26 January 2009 in  
Riyadh, Kingdom of Saudi Arabia.

٢٣. Workshops of the First International Saudi Conference for Health Education and Training held on 19<sup>th</sup> to 21<sup>st</sup> of January 2009 at the Riyadh Military Hospital, Kingdom of Saudi Arabia.
٢٤. Workshops of Counterfeit Medicines: Awareness to global reaction held on 21<sup>st</sup> to 25<sup>th</sup> of June 2008 at the Naif University for Security Science, Riyadh, Kingdom of Saudi Arabia.
٢٥. Workshops of "Pricing of Pharmaceutical Products" organized by SFDA during the period 20-21 May 2008 in Riyadh, Kingdom of Saudi Arabia.
٢٦. Workshops concerning Animal Health Completion: Diagnosis of Animal Diseases and their control under supervision of FAO from 4-15 April 2009; held at The Technical College – Gazan, Kingdom of Saudi Arabia.
٢٧. Workshops on Animal Quarantines and import requirements: Epidemiology & epidemiological surveillance of transboundary animal disease in exporting countries under supervision of FAO held at 19-23 April 2008; Training Center – Riyadh, Kingdom of Saudi Arabia.
٢٨. Second Avian and Pandemic Influenza Training Workshops organized by the GCC Center for Infection Control and Saudi Society for Public Health in collaboration with WHO, NAMRU-3 & CDC held on 5<sup>th</sup> to 9<sup>th</sup> of January 2008 at Riyadh Marriot Hotel; Kingdom of Saudi Arabia.
٢٩. Intensive Workshop training program for Veterinary physician and technician about Veterinary Drug Registration, Inspection and Control, held at Riyadh Training Center from 1<sup>st</sup> - 4<sup>th</sup> March 2008, Kingdom of Saudi Arabia.

٣٠. 12-Workshops on "Stability testing of Pharmaceutical Products" organized by SFDA during the period 2<sup>nd</sup> -3<sup>rd</sup> December 2007 in Riyadh, Kingdom of Saudi Arabia.
٣١. 13-Workshops on "Bioequivalence of Pharmaceutical Products" organized by SFDA during the period 20<sup>th</sup> - 21<sup>st</sup> November 2007 in Riyadh, Kingdom of Saudi Arabia.
٣٢. 14- International Symposium on Food and Drug Regulation (Present & Outlook) organized by SFDA during the period 20<sup>th</sup> - 22<sup>nd</sup> May 2006 in Riyadh, Kingdom of Saudi Arabia.
٣٣. 15-Workshop training program for Veterinary physician and technician about Zoonotic Diseases transmission between animals and Human held at Riyadh Training Center from 3-15 March 2006, Kingdom of Saudi Arabia.
٣٤. 16-Workshop training program for Veterinary physician and technician about Bio-security for Poultry farms held at Riyadh Training Center from 16-18 Moharam 1425H, Kingdom of Saudi Arabia.
٣٥. 17-Workshop training program for Veterinary physician and technician about Epidemiology, Diagnosis and Control Measure against Miyasis-induced fly held at National Center for Research, AL-Ahsa, from 18-29 Shabaan 1425H, Kingdom of Saudi Arabia.
٣٦. 18-Workshop training program for Veterinary physician and technician about Health condition Follow-Up in Poultry farms held at Riyadh Training Center from 5-16 Rabee Awal 1425H, Kingdom of Saudi Arabia.

**Projects in which the applicant participate:**

- ١- United Nation Development Program (UNDP) Project SAU10-00038929 where the Saudi Food and Drug Authority (SFDA) was enforced and recognized by article Three of the Royal Decree No.(M/6) issued on 1/11/2016 stating the full regulatory control of Human Food & Animal Feed.
- ٢- United Nation Development Program (UNDP) Project SAU10-00038929 where the Saudi Food and Drug Authority (SFDA) was enforced and recognized by article Three of the Royal Decree No.(M/6) issued on 13/02/2007 stating the full regulatory control of Human Food & Animal Feed.
- ٣- United Nation Development Program (UNDP) Project SAU10-82003 concerning Pharmaceutical Products Pricing Guidelines; Support to the Saudi Food and Drug Authority, Riyadh, Kingdom of Saudi Arabia.
- 2- Neuro-pharmacological evaluation of Egyptian plant grown in Sinai Peninsula supported by Japan Society for Promotion of Science from May 1998 until April 2000 at Toyama Medical & Pharmaceutical University, Toyama, JAPAN.
- 3- Project for Pricing of Veterinary Pharmaceutical Products has done El- Mesned Pharmaceutical Consultant Center (MPCC) (2009-2010), Riyadh, KSA, supported to SFDA.
- 4- Project for Establishing an electronic database containing Art Work for the Packages of both Human and Veterinary Pharmaceutical Products supported by SFDA, had done by MPCC (2008-2009), Riyadh, KSA.
- 5- Project (03-SFDA) done by College of Pharmacy, King Saud University about Preliminary study for following Quality of Veterinary Drugs in the Kingdom of Saudi Arabia, 2007-2008.

**Project Supported by FAO in which the applicant participates as independent contractor:**

- 1- UTF/SAU/011/SAU (Improvement of Irrigation water Management in the Kingdom of Saudi Arabia: Use of wastewater as watering for animals) 14-16/11/2007; MOA, Riyadh.
- 2- UTF/SAU/023/SAU (Animal Quarantines and import requirements: Epidemiology & epidemiological surveillance of transboundary animal disease in exporting countries) 19-23 April 2008; Training Center – Riyadh.
- 3- UTF/SAU/014/SAU (Support of the Rural Agricultural institutions, raising productivity efficiency and diversifying agricultural activities of small-scale farmers in rural areas) 4-15 April 2009; The Technical College – Gazan, KSA.

**Projects Evaluated by the applicant:**

- 1- Project No AT-25-29 (Strangles: Bacterial Isolation, Antibacterial Susceptibility and Genetic fingerprinting). Supported by King Abdulaziz City for Science & Technology.
- 2- Project No AT-23-60 (Diagnosis and control of Brucellosis in camels). Supported by King Abdul-aziz City for Science & Technology.
- 3- Project No AT-26-97 (Strategic Parasite Control As a tool for improving animal production and minimize infection of human by zoonotic parasites in El-Qassim Area). Supported by King Abdulaziz City for Science & Technology.
- 4- Project No ARP-29-261 (Development of recombinant vaccine against the camel tick *Hyalomma dromedarii*). Supported by King Abdulaziz City for Science & Technology.

5- Project No LGP-14-24 (Strategic Identifying some of the cells of CNS in Camels). Supported by King Abdulaziz City for Science & Technology.

6- Project No ARP-29-269 (Isolation of specific purified antigenic fraction for diagnosis of Sarcosystis parasite in living animals). Supported by King Abdul-aziz City for Science & Technology.

**The Applicants shared as a member in the following Committee:**

- 1- Preliminary Technical Committee for Pharmaceutical Company Registration held at MOA since 11/7/2005 .
- 2- Technical Committee for Biological Company Registration (Vaccines) held at MOA since 1/8/2006 .
- 3- A member of Veterinary drug registration Committee held at Saudi Food and Drug Authority since February 2007.
- 4- A member of Pricing Committee for pricing Pharmaceutical drug products held at Saudi Food and Drug Authority since April 2007.
- 5- A member of the Committee for Evaluating the National Residues Monitoring Plan held at Saudi Food and Drug Authority since May 2008.
- 6- A member of the Committee for Establishment of A monitoring Program for Residues in Food of Animal Origin held at Saudi Food and Drug Authority since March 2009.

**Scientific Research and Practical Expert:**

٩. Assessment of Risk in Food, feeds & additives.
١٠. Setting annual monitoring plan for contaminants in food & feeds.
١١. Setting technical standards & regulations related Food, feeds & additives.
١٢. Setting mandatory technical standards related to food & feed contaminants in compliance with Codex directions.

١٣. Setting technical standards & regulations related to aquaculture feeds.
١٤. Participate in setting food law and feed law, KSA issued at 1435H.
١٥. Participate in setting food and feed bylaws, KSA issued at 1439H.
١٦. Assessment of submitted file for drug & vaccine registration in Saudi Arabia.
١٧. Brain Microdialysis Technique in freely moving rats for measuring the extracellular release of different neurotransmitters.
١٨. Radio-Immuno assay for determination of neurotransmitter up-take and receptor binding experiment.
١٩. HPLC for determination of neurotransmitter concentration in different brain areas (hypothalamus, Hippocampus, Cortex, striatum, etc)
٢٠. Molecular biological techniques (Purification of mRNA from rat brain or spinal cord, dissection of Oocytes and microinjection of the RNA into Xenopus Oocytes).
٢١. Electrophysiological and Voltage Clamp techniques (Record of different neurotransmitter-induced current in Xenopus Oocyte and how drugs modulate such responses).
٢٢. Professional training: Handling of Radio-Isotops compound and how to use these compound to study the effect of drugs on neurotransmitter up-take and receptor binding experiment (training courses was undertaken at Toyama Medical and Pharmaceutical University, Toyama, Japan ; Septemmer 25, 1994 and May 20, 1995).