

Curriculum Vitae

AL-SHAIMAA FAISSAL FADEL AHMED, PhD

PERSONAL DATA

DATE OF BIRTH August 16, 1981
NATIONALITY Egyptian
TELEPHONE +201020018842
MAILING ADDRESS Taha Hussin Street, Minia, Egypt
E-MAIL ADDRESS shaimaa.faissal@mu.edu.eg
shffa@outlook.com

EDUCATION AND TRAINING

PHD DEGREE IN NEUROSCIENCE (2009-2014), *University of Calgary, Canada*
THESIS TITLE: "ROLE OF SENSORY CIRCUMVENTRICULAR ORGANS IN THE FUNCTION OF HORMONES AFFECTING FEEDING AND ENERGY BALANCE"

Overall GPA 4

MASTER'S DEGREE IN PHARMACEUTICAL SCIENCES (*M.Sc.*) - PHARMACOLOGY & TOXICOLOGY (2004-2008), *Faculty of Pharmacy, Minia University, Egypt.*
THESIS TITLE: "PROTECTIVE EFFECT OF NO RELEASING ASPIRIN. SELECTIVE AND NONSELECTIVE COX INHIBITORS ON STRESS INDUCED GASTRIC ULCERATION IN MALE ALBINO RATS"

Overall Grade: Very good

BACHELOR OF PHARMACEUTICAL SCIENCES (*B.Sc.*, 2003)
Faculty of Pharmacy, Minia University, Egypt

Overall Grade: Distinction Honor (93.25%)

EXPERIENCE

WORK EXPERIENCE

2015-now LECTURER
Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University, Egypt
2018-now PART TIME LECTURER
Department of Pharmacology & Toxicology, Faculty of Pharmacy, Deraya University, Egypt

- 2018-NOW PROGRAM COORDINATOR ASSISTANT FOR TRAINING AFFAIRS.**
Clinical Pharmacy program, faculty of Pharmacy, Minia University
- 2009-2014 GRADUATE STUDENT AT FACULTY OF GRADUATE STUDIES,**
University of Calgary, Canada
- 2005-2008 & 2014-now DEPARTMENT REPRESENTATIVE MEMBER IN THE EXECUTIVE TEAM OF THE MINISTRY OF HIGHER EDUCATION PROGRAM "FACULTY EDUCATION QUALITY ASSURANCE & ACCREDITATION PROGRAM"**
Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University, Egypt
- 2003-2008 RESEARCH AND TEACHING ASSISTANT**
Department of Pharmacology & Toxicology, Faculty of Pharmacy, Minia University, Egypt
- 2003-2004 COMMUNITY PHARMACIST**
Adham Pharmacy, Minia, Egypt.

RESEARCH EXPERIENCE

A. ISOLATED ORGAN (IN-VITRO) PREPARATIONS

Bioassay experiments involving isolated organs as: rat aorta, rabbit intestine, guinea pig ileum, frog rectus abdominis

B. IMMUNOHISTOCHEMICAL ANALYSIS

Immunohistochemistry in different brain areas and the GI tract using fluorescence as well as confocal microscopy and image processing and data analysis using Corel draw ® and Image J programs.

C. IN-VIVO EXPERIENCE

- Experimental gastric and duodenal ulceration in rats with some surgical skills in rats, especially pyloric ligation.*
- Induction of sepsis using cecal ligation and puncture method.*
- Determination of estrogenic and antiestrogenic activity by uterine weight method.*

D. SCREENING of analgesics, anti-inflammatory, antioxidants, anti-epileptics, cardiotonics, anti-histaminics and CNS depressants.

E. SIMULATED PATIENTS STUDIES TO EVALUATE PHARMACY PRACTICE

F. INSTRUMENTAL TECHNIQUES

Good experience in spectrofluorimetry, spectrophotometry, ELISA,etc.

TEACHING EXPERIENCE

- A. Four years experience in teaching pharmacology courses for post-graduate students namely, General Pharmacology, Biochemical Pharmacology, Molecular Pharmacology and Advanced Pharmacology for M.Sc. Pharmacology and Biotechnology programs.
- B. Three years experience in teaching Pharmacology, Toxicology, Biological assay and Biostatistics to third and fourth year Pharmacy students.
- C. Three years experience in teaching Pharmacology, Clinical Pharmacology, Clinical Pharmacy, Medical terminology, Pathophysiology and First Aid to Clinical Pharmacy students.
- D. Designed and updated practical courses in Pharmacology and initiated the inclusion of patient counseling course and simulated patient exams to third year pharmacy students.
- E. More than 10 years experience in teaching experimental pharmacology, clinical pharmacology, experimental toxicology, biological assays, biostatistics and screening for the third and fourth year students as well as graduate students (2003-now).
- F. Designed and updated, in collaboration with other teaching assistants in the department, the experimental toxicology course for the fourth year students, the experimental pharmacology course for the third year students (2003-2005).

COMPUTER EXPERIENCE

-Good experience with computer software: Microsoft Windows®, Microsoft (Word®, Excel®, Powerpoint®, Access®), Endnote®, Reference Manager® Graphpad Prism®, Adobe Reader® etc...
-Adequate computer hardware maintenance experience.

LANGUAGE: EXCELLENT COMMAND OF ENGLISH, FAIR SKILLS IN FRENCH

Publications

Peer-reviewed journal articles:

1. Yasmine F. Ibrahim, Rabab A. Moussa , Asmaa M.A. Bayoumi, Al-Shaimaa F. Ahmed :Tocilizumab attenuates acute lung and kidney injuries and improves survival in a rat model of sepsis via down-regulation of NF- κ B/JNK: a possible role of P-glycoprotein. Inflammopharmacology. 2019 <https://doi.org/10.1007/s10787-019-00628-y>

2. Abdullah Abdelaziz, Abdel-Rahman Tawfik, Kaled Abdel-Rahman, Mohamed Omran, **Al-Shaimaa Ahmed** (2019): Quality of Community Pharmacy Practice in Antibiotic self-medication encounters: a simulated patient study in upper Egypt. *Antibiotics* 2019, 8(2), 35.
3. Asmaa S.A. Hammad; Al-Shaimaa F. Ahmed ; Gehan H. Heeba; Ashraf A. Taye (2019): Resveratrol protects against early cardiomyopathic changes-induced by Type-1 diabetes through a heme-oxygenase-1 dependent mechanism. *JABPS Volume 2(1)*: Pages: 12-18
4. **Al-Shaimaa F. Ahmed** , Asmaa M.A. Bayoumi, , Heba M. Eltahir , Sara M. N. Abdel Hafez , Mekky M. Abouzied: Tempol increases survival and ameliorates sepsis-induced lung and liver injury in a rat CLP model (under review)
5. Asmaa S.A. Hammad; **Al-Shaimaa F. Ahmed** ; Gehan H. Heeba; Ashraf A. Taye: Role of heme-oxygenase-1 in Resveratrol mediated protection against vascular dysfunction induced by Type-1 diabetes. (under review)
6. Mohamed Mahran, Omar Helmy elgarhy , **Al-Shaimaa F. Ahmed**, Eman Alaaeldin: Fast disintegrating tablets of spray dried poly-herbal extract: a promising hypoglycemic and diabetic wound healing activity
7. Heba S. Abd-Ellah, Mohamed Abdel-Aziz, Mai E. Shoman, Eman A.M. Beshr, TamerS. Kaoud, **Al-Shaimaa F. Ahmed** (2017): New 1,3,4-oxadiazole/oxime hybrids: Design, synthesis, anti-inflammatory, COX inhibitory activities and ulcerogenic liability. *Bioorganic Chemistry*, Volume 74, Pages 15-29
8. Heba S. Abd-Ellah, Mohamed Abdel-Aziz, Mai E. Shoman, Eman A.M. Beshr, Tamer S. Kaoud and **Al-Shaimaa F. Ahmed** (2016): Novel 1,3,4-oxadiazole/oxime hybrids: Synthesis, docking studies and investigation of anti-inflammatory, ulcerogenic liability and analgesic activities. *Bioorganic Chemistry*, Volume 69, Pages 48-63.
9. **Al-Shaimaa F. Ahmed**, Li Dai, Winnie Ho, Alastair V. Ferguson and Keith A. Sharkey (2014): The subfornical organ: a novel site of action of cholecystokinin. *Am J Physiol Regul Integr Comp Physiol* (January 15, 2014). doi:10.1152/ajpregu.00462.2013.
10. Mohamed Montaser Khalifa, Magdy Abdel-al, Mohamed El-Moselhy, **Al-Shaimaa F. Fadel** (2008): Evaluation of the effects of Rofecoxib and nitric oxide releasing aspirin on stress-induced gastric ulcers in rats. *Saudi Pharmaceutical Journal* (16):3-4 (October 2008).

Abstracts:

1. Al-Shaimaa F. Ahmed , Rabab A. Moussa , Asmaa M.A. Bayoumi , Yasmine F. Ibrahim (2019): Tocilizumab, an IL-6 receptor inhibitor, improves survival and attenuates acute kidney injury induced by sepsis. The First African Health Summit. Tanta Univeristy, Cairo (Jan 29-Feb 1)
2. Sarah S. Abdel Hameed, Mario M. Nady, Nisreen D. Toni and **Al-Shaimaa F. Ahmed** (2018): Pantoprazole increases the mortality of rats in a cecal ligation and puncture model of sepsis. The 6th International Conference of The Arab Society for Medical Research, Luxor (20-24 February).
3. **Al-Shaimaa F. Ahmed**, Winnie Ho and Keith A. Sharkey (2018): Meal induced c-Fos in the subfornical organ is partially mediated by cholecystokinin. The 6th International Conference of The Arab Society for Medical Research, Luxor (20-24 February).
4. Abdullah Abdelaziz, Abdel-Rahman Tawfik, Kaled Abdel-Rahman, Mohamed Omran, **Al-Shaimaa Ahmed**: (2016): Antibiotic dispensing patterns in community pharmacies in Minia, Egypt: a simulated patient study, ASHP MIDYEAR Meeting Abstracts Archive (clinical pharmacy meeting & exhibition, Las Vegas, USA)

5. Alaa H. F. Shehata, Abdallah I. A. Abdelaziz, Abdel-Rahman G. Tawfik, Mahmoud El-Daly and **Al-Shaimaa F. Ahmed** (2016): **Effect of Isotretinoin on Indomethacin-Induced Gastric Ulceration. 33rd Scientific Conference of the Egyptian Pharmaceutical Society (27-28 Feb.).**
6. Asmaa S. A. Hammad¹, Mahmoud El-Daly, Mahmoud A. Saleh, Ahmed I. Abdelaziz, Ahmed O. M. Lamloum, Mona A. A. Ali, Abdel-Rahman Talaat and **Al-Shaimaa F. Ahmed** (2016): **Role of Proteinase Activated Receptor 2 in Indomethacin Induced Gastric Ulcer 33rd Scientific Conference of the Egyptian Pharmaceutical Society (27-28 Feb.).**
7. **Al-Shaimaa F. Ahmed**, Alastair V. Ferguson and Keith A. Sharkey (2013): Subfornical organ: a novel site for the actions of cholecystokinin. *The FASEB Journal*. 2013;27:1123.5
8. **Al-Shaimaa F. Ahmed** and Keith A. Sharkey (2011): Cholecystokinin induces c-Fos expression in the subfornical organ. 5th Annual Canadian Association of Neuroscience (CAN) meeting abstract book. 2011;260-261

Conferences & Workshops

Sept 2019	<i>Minia Pediatric Neurology Conference, Minia, Egypt</i>
August 2019	PEER REVIEW COURSE ELSEVIER PUBLISHING CAMPUS
August 2019	Strategic plans Workshop <i>Faculty Development & Leadership Center, Minia University, Minia, Egypt</i>
March 2019	Antibiotics stewardship in focus: a closer look at pro-calcitonin guided antibiotic de-escalation. <i>Medscape CE</i>
March 2019	<i>The 2nd Minia Helath insurance cardiology conference, Minia, Egypt</i>
January 2019	THE FIRST AFRICAN HEALTH SUMMIT. EGYPT EXIBITION AND CONVENTION CENTER, CAIRO, EGYPT
Sept 2018	THE 2ND CLINICAL PHARMACY SCIENTIFIC CONFERENCE OF MINA UNIVERSITY HOSPITALS, MINIA, EGYPT.
July 2018	THE 2 ND SCIENTIFIC CONFERENCE OF ONCOLOGY CENTRES OF MINISTRY OF HEALTH AND POPULATION, TANTA, EGYPT.
Feb 2018	THE 6TH INTERNATIONAL CONFERENCE OF THE ARAB SOCIETY FOR MEDICAL RESEARCH, LUXOR, EGYPT
Oct 2016	AUTHOR WORKSHOP ELSEVIER PUBLISHING CAMPUS <i>Minia University, Egypt</i>
Feb. 2016	EGYPTIAN PHARMACEUTICAL SOCIETY XXXIII INTERNATIONAL CONFERENCE OF PHARMACEUTICAL SCIENCES <i>Cairo University, Egypt</i>

EXTRACURRICULAR ACTIVITIES

- **BOARD OF TRUSTEE MEMBER OF NILE INTERNATIONAL EGYPTIAN SCHOOL, MINIA BRANCH.(APRIL 2018-NOW)**
- **JUDGE FOR SEVERAL EGYPTIAN PHARMACY STUDENTS FEDERATION (EPSF) PATIENT COUNSELING AND CLINICAL SKILLS COMPETITION.**
- **TEAM LEADER OF MUSLIM SISTERS TEAM AT CIBC RUN FOR THE CURE (BREAST CANCER FUNDING EVENT), OCTOBER 2013, CALGARY, CANADA.**
- **PRESIDENT OF THE EGYPTIAN STUDENTS' ASSOCIATION IN CALGARY (ESA-CALGARY)(2010-2012).**
- **VOLUNTEERED AS A JUDGE IN CALGARY YOUTH SCIENCE FAIR. MAY 2010, 2011 AND 2014.**
- **VOLUNTEERING IN SUMMER TRAINING PROGRAM FOR PHARMACY STUDENTS, MINIA UNIVERSITY, EGYPT (2004-2008).**

➤ HONORS & AWARDS

- **May 2011.** CANADIAN ASSOCIATION OF NEUROSCIENCE TRAVEL AWARD.
-
- **September 2009** ACHIEVERS IN MEDICAL SCIENCE RECRUITMENT SCHOLARSHIP
- **to Sept 2010** *awarded from University of Calgary, Canada*
-
- **April 2009** CEREMONY FOR DISTINGUISHED ACADEMIC ACHIEVEMENT UNDER THE PATRONAGE OF THE FACULTY OF PHARMACY DEAN (Master's degree)
-
- **April 2004** CEREMONY FOR DISTINGUISHED ACADEMIC ACHIEVEMENT UNDER THE PATRONAGE OF THE FACULTY OF PHARMACY DEAN
-
- ***Class standing: The 1st student throughout my undergraduate studies.***
-
- **May 2001** NOMINATED AS THE "BEST UNDERGRADUATE STUDENT OF THE YEAR" IN FACULTY OF PHARMACY AND GOT THE SECOND POSITION AMONGEST THE UNIVERSITY.
-
- **1998-2003** SCHOLARSHIP FROM THE FACULTY OF PHARMACY, ALEXANDRIA UNIVERSITY, FOR OUTSTANDING ACADEMIC PERFORMANCE FOR FOUR CONSECUTIVE YEARS

AFFILIATIONS

- **MEMBER OF THE EGYPTIAN PHARMACEUTICAL SOCIETY (2016-NOW)**
- **MEMBER OF THE AMERICAN SOCIETY FOR PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS (2012-2014)**
- **MEMBER OF THE EGYPTIAN SYNDICATE OF PHARMACISTS (2003-NOW)**
- **MEMBER OF MINIA DYNDICATE OF PHARMACISTS (2003-NOW)**

LIST OF REFERENCES

1- PROF. KEITH A. SHARKEY

Office: HSC 2035
Phone: 403-220-4601
Lab: HSC 2076/2168
Phone: 403-220-3361
3330 Hospital Dr. NW
Calgary, AB, T2N 4N1

E-mail : ksharkey@ucalgary.ca

2- PROF. MORELY HOLLENBERG

Department of Physiology and Pharmacology
3330 Hospital Drive NW
Calgary, Alberta, T2N 4N1, CANADA
Phone: (403) 220-6931 Fax: (403) 270-0979
E-mail: mhollenb@ucalgary.ca

3- PROF. MOHAMED ABDEL AZIZ OTHMAN

DEAN OF FACULTY OF PHARMACY, MINIA UNVERISTY, EGYPT

TEL: + 20 100 331 1327

EMAIL: abulnil@mu.edu.eg