

## CURRICULUM VITAE

### Personal Data:

**Surname:** Abdalla

**Forename:** Mohamed Raafat

**Date and Place of Birth:** 8/1/1962 - Cairo - Egypt.

**Languages:** Arabic (mother tongue), English (fluent).

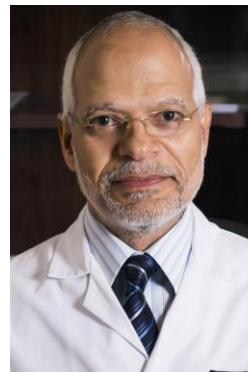
**Sex / Marital Status:** Male / Married, having 3 children.

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### Academic Qualifications:

- **Bachelor Degree in Pharmaceutical Sciences**, Cairo University, May 1985 (General grade: Excellent with honor)
- **Master Degree in Pharmacology & Toxicology**, Cairo University, September 1993.
- **Doctorate of Philosophy in Pharmacology & Toxicology**, Cairo University, March 2002.

### Academic Studies and Training Courses:

- **Prerequisite Postgraduate Courses** (Statistics, mathematics, instrumental analysis and physical chemistry), Faculty of Pharmacy, Cairo University, November 1987 (General grade: Excellent).
- **Special course in Pharmacology & Toxicology**, Faculty of Pharmacy, Cairo University, May 1989 (General grade: Excellent).
- **Advanced course in "Mastering Computer Basic Programs**, Faculty Preparation Unit, Cairo University, November 8 - December 4, 1997
- **Teaching Skills, Education Psychology and Learning Capabilities**, Faculty Preparation Unit, Cairo University, March 14 - April 2, 1998.
- **First Aid, Theory & Practice**, The Medical Education Development Center, Cairo University, 18 - 23 January, 2003.
- **Faculty and Leadership Development Project (FLDP) Program:**
  - Enhancement of thinking skills. (2005)
  - Presentation skills. (2005)
  - Communication skills. (2005)
  - methods in education. (2005)
  - Quality standards in teaching. (2008)
  - Quality standards in examinations and student evaluation. (2008)
- **Pharmacy Education Using Computer-Based Knowledge (PECK), a TEMPUS project workshop, March, 2005.**
- **International Computer Driving License (ICDL), 2006.**
- **E- learning, principle, environment, content building, course management, e-exam and evaluation tools:** A workshop delivered by the Canadian expert David Maurer, held in the

Deanship of Electronic and Distance Learning, Umm Al-Qura University, KSA, on 27-31 October 2013.

### **University Career, Academic:**

- **Demonstrator** of Pharmacology & Toxicology Faculty of Pharmacy, Cairo University from October 1985 to December 1993.
- **Assistant Lecturer** of Pharmacology & Toxicology Faculty of Pharmacy, Cairo University from December 1993 to June 2002.
- **Lecturer** of Pharmacology and Toxicology, Faculty of Pharmacy, Cairo University from June 2002 to August 2005.
- **Assistant Professor** of Pharmacology and Pharmacotherapy, Dubai Pharmacy College, Dubai, UAE from September 2005 to September 2008.
- **Associate Professor** of Pharmacology and Toxicology, Faculty of Pharmacy, Umm Al-Qura University, KSA, since October 2008.

### **University Career, Administrative:**

- Member of the committee of **Performance Appraisal and Development**, Faculty of Pharmacy, Cairo University.
- Head of the **Committee of Laboratory Instrumentation**, Department of Pharmacology & Toxicology, Faculty of Pharmacy, Cairo University.
- Head of "**Planning & Curriculum Development Unit**", Dubai Pharmacy College, Dubai, UAE.
- Member of the committee of **Laboratory Instrumentation**, Faculty of Pharmacy, Umm Al-Qura University, KSA
- Head of the **Library committee**, Faculty of Pharmacy, Umm Al-Qura University, KSA
- **Head of Pharmacology and Toxicology Department**, Faculty of Pharmacy, Umm Al-Qura University, KSA, from October 2008 to September 2011.
- **Vice dean, hospital affairs**, Faculty of Pharmacy, Umm Al-Qura University, KSA, since November 2012.

### **Teaching Experience:**

- Teaching and demonstration of the experimental techniques of **Pharmacology, Toxicology, Pharmacometrics and Screening of drugs**, for the undergraduate students from December 1986 to June 2002.
- Participant in teaching courses of **Qualitative Analysis of Poisons** for the postgraduate students of diplomat of toxicology from May 1994 to June 2002
- Participant in teaching courses of **Advanced Pharmacology** for the postgraduate students of diplomat and M. Sc. of pharmacology from May 2002 to May 2005.
- Participant in teaching courses of **Biostatistics, Pharmacometrics and Screening of Drugs** for the 4<sup>th</sup> year graduate students from September, 2002 to September 2005.
- Participant in teaching courses of **Molecular pharmacology** for the students of the biophysics, Faculty of Science, Cairo University in the academic year 2002/ 2003.
- Participant in teaching course of **Basic Pharmacology** for the 3<sup>rd</sup> year undergraduate students during the academic year 2003/ 2004.

- Teaching course of **Drug Abuse** for the students of Faculty of Pharmacy, Misr International University (MIU) in the academic years 2003/ 2004 and 2004/2005.
- Teaching course of **Toxicology** for the students of Pharmacy, Misr International University (MIU) in the academic years 2003/ 2004 and 2004/2005.
- Teaching 3 courses of **Pharmacotherapy**, 2 courses of **Basic Pharmacology** and one course of **Toxicology** for the students of Dubai Pharmacy College (DPC), Dubai, UAE from September 2005 to September 2008.
- Teaching 5 courses of **Basic Pharmacology**, **Clinical Pharmacology**, **Basic Toxicology**, **Therapeutics 1** and **Therapeutics 2** for the students of Umm Al-Qura University, Makkah, KSA since October 2008.

### **Experimental skills and research interest**

- Induction of renal hypertension following the renal artery compression technique.
- Measurement of blood pressure following both invasive and non-invasive techniques.
- Induction of global cerebral ischemia/reperfusion insult.
- Setup and operation of hepatocellular bioreactors (perfused columns of isolated agarose-immobilized hepatocytes), applied in hepatotoxicity, hepatoprotection, detoxification and metabolic studies.
- Performance of in vitro isolated tissue preparations techniques and enzyme biochemical assays.

### **Scientific Affiliations:**

- Member of the **Egyptian Pharmaceutical Society**.
- Member of the **Egyptian Society of Pharmacology and Experimental Therapeutics**.

### **Activities:**

- Attendant of the "**XXV Conference of Pharmaceutical Sciences**", Egyptian Society of Pharmacology and Experimental Therapeutics, Cairo Meridian Hotel, 24 - 26 December **1996**.
- Active participant (poster presenter) in the first "**International Conference of Pharmaceutical and Drug Industries**", National Research Center, Cairo, 24 - 26 March **2003**.
- Participant in the First Arab Conference of "**Hazards of Chemical, Biological and Nuclear War on Human Health and Environment**", Arab League, Cairo, 20 April **2003**.
- Attendant of the National TEMPUS Information Day "**Enhancing the Euro-Egyptian Partnership in Higher Education**", Faculty of Engineering, Ain Shams University, Cairo, 29 September **2003**.
- Attendant of the "**First International Medical Education Conference**", Bibliotheca Alexandrina, Alexandria, Egypt, April **2005**.
- Attendant of the "**International Medical Conference of the Federation of Royal Colleges of Physicians of the UK**", Dubai, UAE, March **2006**.
- Attendant of "**Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)**", Dubai, UAE, March **2006**.
- Attendant of "**Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)**", Dubai, UAE, March **2007**.
- Active participant (poster presenter) in "**Dubai International Pharmaceuticals & Technologies Conference & Exhibition (DUPHAT)**", Dubai, UAE, March **2008**.

- Active participant (workshop member) in "**The First National Conference on Rational Drug Use**", held in Sheraton Hotel, Abu Dhabi 15-16 May **2008**.
- Active participant (workshop member) in "**Pharmacology Laboratory Simulations**", a CME accredited workshop, held in King Fahd Medical Research Center, King Abdul-Aziz University, Jeddah, KSA, 18-22 January **2009**.
- Attendant of the First "**International Scientific Meeting of Faculty of Pharmacy, Umm Al Qura University**" held in the university compass, Makkah, 16-18 March, **2013**.
- Active participant (workshop member) in the "**Umm Al Qura University- Medical Spine (UQU-MS) hospital strategic plan**", a workshop held in Jeddah Meridian, 6-8 Jan, **2014**.
- Active participant (workshop member) in "**Pharmacy Practice Model Initiative (PPMI) Organizational Assessment**", a CME accredited workshop organized by Ministry of National Guard-Health Affairs in Park Hyatt Hotel, Jeddah, 23 November, **2014**.
- Attendant of "**Exploring a New Horizon in Pharmacy Practice in Saudi Arabia**", a conference held by Ministry of National Guard-Health Affairs in collaboration with King Saud Bin Abdul-Aziz University for Health Sciences-Jeddah and King Abdul-Aziz Medical City for National Guard, Western Region, in Park Hyatt, Jeddah, 23-24 November, **2014**.
- Active participant (workshop member) in "**Principles of Assessment**", a workshop, held in the Faculty of Pharmacy, Umm Al Qura University, February 8<sup>th</sup>, **2015**.
- Active participant (workshop member) in "**Problem Based Learning**", a workshop, held in the Faculty of Pharmacy, Umm Al Qura University, March 9<sup>th</sup>, **2015**.
- Attendant of "**Safe Medication Practice (SMP): Implication of Informatics and Automation**", a symposium held in King Abdullah Medical City, Makkah, 24 December, **2015**.
- Active participant (workshop member) in "**Assessment for Learning**", a two-day's workshop, held in Umm Al Qura University, King Abdul-Aziz Memorial hall, 24-25 January, **2016**.
- Attendant of "**First Pharmaceutical Conference: From Bench to Bedside**", a conference held by the College of Pharmacy, Umm Al Qura University in collaboration with Security Forces Hospital, Makkah, 13-14 April, **2016**.
- Active participant (workshop member) in "**Fundamentals and tools for Student Learning Assessment**", a three-day's workshop, held in College of Pharmacy, Umm Al Qura University, 8-10 May, **2016**.
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### **Thesis Supervised:**

- Possible hepatoprotective effect of lipoic acid alone and with certain antioxidants in liver injury in rats, 2006
- Pharmacological study of some possible interactions between sildenafil and some antihypertensive agents in experimental animals, 2006.
- Pharmacotoxicological aspects of some central nervous system acting drugs in experimental animals, 2007

### **Funded Research Projects:**

- **Phytochemical and biological screening and evaluation of some wild plants growing in Saudi Arabia for potential antihypertensive activity and isolation of their active constituent.** An ISR funded project (KSA) No. 4331006, contract signed in Rajab 1434 (co-investigator). Fund: 285000 SR.

- **Hepatoprotective activity of *Acacia tortilis* growing in Makkah Al Mukarramah against carbon tetrachloride-induced hepatotoxicity in rats.** An ISR funded project KSA 4331009, contract signed in Rajab 1434 (co-investigator). Fund: 145600 SR.

## **Publications:**

1. El-Ghaly E. M., Shaheen, U., E., Ragab, El-hila, A. and **Raafat, M.**  
**Bioactive constituents of *Pulicaria jaubertii*: A promising antihypertensive activity.** *Pharmacognosy J.*, 2016, 8: 81-86.
2. Ragab, E.A., **Raafat, M.**  
**A new monoterpene glucoside and complete assignments of dihydroflavonols of *Pulicaria jaubertii*: Potential cytotoxic and blood pressure lowering activity.** *Nat. Prod. Res.* 2015, 6:1-9
3. **Raafat, M.**, Al Malki, W., Ahmed, M.  
**Paroxetine augments while naloxone abolishes the analgesic effect of paracetamol in acute nociceptive pain in mice.** *Pharmacol. Pharmacy*, 2013; 4: 398-405.
4. Bahgat, A., Abdel-Aziz, H., **Raafat, M.**, Mahdy, A., El-Khatib, A. S., Ismail, A. and Khayyal, M. T.  
***Solanum indicum* ssp. *distichum* extract is effective against L-NAME induced hypertension in rats.** *Fund. Clin. Pharmacol.*, 2008; 22: 693-699.
5. Aboutabl, M. E., **Raafat, M.**, Maklad, Y. A., Kenawy, S. A. and El Din, A. G.  
**Sildenafil augments the beneficial hemodynamic and histopathological effects of amlodipine in nitric oxide-deficient hypertensive rats: Role of nitric oxide-cyclic GMP pathway.** *Pharmacol. Res.*, 2008; 57: 456-463.
6. **Raafat, M.**  
**N-acetyl L-cysteine potentially affects hepatic glutathione synthesis only under conditions of enhanced oxidative stress** *J. Egypt. Soc. Toxicol.*, 2008; 38: 29-34.
7. Al-Ghazali, M. A., **Raafat, M.** and El-Denshary, E.  
**Alpha lipoic acid protects against acute hepatocellular damage induced by carbon tetrachloride in vitro. Comparison with N-acetylcysteine.** *J. Egypt. Soc. Toxicol.*, 2008; 38: 35-40.
8. Agha, A., Abd El-Gawad, H. M., **Raafat, M.** and Salman, M.  
**Effect of methotrexate and leflunomide combined therapy on adjuvant induced arthritis in rats.** *Egypt. Rheumatologist*, 2007; 29: 299-321.
9. El-Sawalhi, M. M. and **Raafat, M.**  
**Effect of alpha lipoic acid on oxidative stress status in rat kidney subjected to ischemia/reperfusion injury.** *Egypt. J. Biochem. Mol. Biol.*, 2007; 25: 59-76.
10. El-Shamy, A. M. Koheil, M. A. Fathy, F., **Raafat, M.** and Sabry, M.

**Evaluation of certain anticough pharmaceutical herbal preparations in the Egyptian market.**  
*Bull. Fac. Pharm. Cairo Univ.*, 2006; 44: 193-2003.

11. Taher, A and **Raafat, M.**

**Imidazo[1,2-B] pyrazole-2, 6-dione; Synthesis and preliminary evaluation of anti inflammatory and analgesic activity.** *Bull. Fac. Pharm. Cairo Univ.*, 2005; 43: 1-13.

12. Saad, S. F., El-Sayed, M. E, Attia, A.S.; Abdel Moneim, E. and **Raafat, M.**

**Effect of diclofenac sodium and pirprofen on the hypotensive action of captopril in normotensive rats.** *J. Egypt. Soc. Pharmacol. Exp. Ther.* 1995; 14: 1001-1011.

13. El-Sayed, M. E.; Saad, S. F.; Attia, A. S. and **Raafat, M.**

**Effect of the cyclo-oxygenase inhibitors, diclofenac and pirprofen on the antihypertensive action of captopril in renal hypertensive rats.** *Bull. Fac. Pharm. Cairo Univ.*, 1994; 32: 26 -27.

### **References:**

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