

## Curriculum Vitae



Name	First	Middle	Family
	Muhammad	Yusuf	Al Shorbagy
Title	Title		Department
	Assistant Professor		Pharmacology & Toxicology
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### Education

Most Recent Degree	PhD (Doctor of Philosophy in Pharmaceutical Sciences - Pharmacology & Toxicology)
Title of Thesis	Study of the Possible Anti-epileptic Potential of Some Anti-inflammatory Drugs in Experimentally-induced Epilepsy <i>The thesis was awarded as the best PhD thesis in Pharmacology &amp; Toxicology during the proceedings of the 4<sup>th</sup> International Conference of the Faculty of Pharmacy, Cairo University in April 2013</i>
Specialization	Pharmacology & Toxicology
University Attended	Cairo University
Year	2012

### Areas of Strength

- Solid background of pharmacology, toxicology & general biology
- Complete perfection of laboratory skills and research management
- Remarkable teaching and presentation skills with certified courses in relevant areas
- Strong communication skills
- Able to coordinate multiple projects and meet deadlines pressure
- Driven to learn and apply new ideas
- Recognized as a creative and practical problem solver
- Complete command of Microsoft office applications

### Professional Experience

Pharmacy Faculty	Period	Post	Part time/Full time
Cairo University	9/2000 – 8/2008	Instructor	Full time
	8/2008 – 4/2012	Lecturer	Full time
	4/2012 – Current	Assistant Professor	Full time
German University in Cairo	6/2012 – 8/2012	Assistant Professor	Part time

Misr International University	7/2013 - Current	Assistant Professor	Part time
Nursing (Cairo University)	2/2012 – 6/2015	Assistant Professor	Part time

## Teaching Experience

	Course Title	Course Code	University	Academic years
Undergraduate Courses	Toxicology	PO904	Cairo	2012
	Pharmacology-I	PHTX-841	GUC	2012
	Pharmacology-II	PHTX-942	GUC	2012
	Biostatistics & biological standardization		Cairo	2013/2014
	Pharmacology-III	PHL423	MIU	2013 -2015
	Pharmacology-I	PHL321	MIU	2013-2015
	Pharmacology-II	PHL322	MIU	2013-2015
	Applied Pharmacology	Med204	Nursing	2015
Postgraduate Courses	American Pharmacotherapy Board of Pharmacy Specialties Preparation Course		Cairo	2013-2015
	Advanced Toxicology Diploma	--	Cairo	2012

## Other experiences

Title	Year
Director of <a href="#">IT Computer</a> Center, Faculty of Pharmacy, Cairo University	Nov, 2013 - Current
Technical Lead Director for the Google Apps deployment project at the Faculty of Pharmacy, Cairo University	Jun, 2013 - Current
Associate Editor at the Bulletin of Faculty of Pharmacy, Cairo University ( <a href="#">BFOPCU</a> ) hosted by Elsevier	May, 2012 - Current
Consultant at the Pharmacology Committee of the Central Agency of Pharmaceutical Affairs ( <a href="#">CAPA</a> ) at the Egyptian Ministry of Health.	Nov, 2012 – Apr, 2015

## Research Experiences

- Research experiences adopted during Masters were related to the techniques of pyloric ligation in rats, quantification of ulcers in rat stomachs together with all the procedure needed for the estimation of different biochemical parameters in rats serum and tissue media. In PhD, the techniques of induction and estimation of rat seizures were adopted with more in-hand details on the techniques of ELISA estimations and different biochemical parameters estimation. Post-doc, techniques of brain ischemia, stereotaxic frame drug administration, in-vitro isolated intestine testing using AD instrument, and estimation of neurodegenerative aspects were all learned.
- Experienced with the following list of Lab instruments/devices:
  - ✓ Centrifuges – Sonicators – Water baths – pH meters – Electric balances
  - ✓ Computerized spectrophotometers
  - ✓ Computerized AD instrument for isolated organ preparation
  - ✓ ELISA
  - ✓ Rat Steriotaxic Frame

- ✓ Tissue homogenizers
- ✓ Microscopes
- ✓ Proficient with Western blotting devices (BioRad)

## Publications and Presentations

Title	Name of Journal/Conference	Year	Volume /Page
Saxagliptin: A novel antiparkinsonian approach	Neuropharmacology	2015	89:308-17
Telmisartan attenuates colon inflammation, oxidative perturbations and apoptosis in a rat model of experimental inflammatory bowel disease.	Plos One	2014	9(5):e97193
Additional antiepileptic mechanisms of levetiracetam in lithium-pilocarpine treated rats	Plos One	2013	8(10): e76735
Diverse effects of variant doses of dexamethasone in lithium-pilocarpine induced seizures in rats.	Canadian Journal of Physiology and Pharmacology	Jan 2012	90(1): 13-21
Gastroprotective Effect of Zinc on Indomethacin-Induced Ulceration: A Role of Constitutive Nitric Oxide Synthase	31 <sup>st</sup> Pharmaceutical Sciences Conference, Cairo, Egypt	23-25 <sup>th</sup> Dec, 2008	Poster participation
Reviewer	Bulletin of the Faculty of Pharmacy Cairo University		
Reviewer	Egyptian Society of Pharmacology & Experimental Therapeutics Journal		

## Future Research

- Neuropharmacology
- Management of inflammatory disorders
- Management of hormone-related disorders

## Memberships

Name	Year
• Egyptian Society of Pharmacology and Experimental Therapeutics (ESPET)	2012-2015
• Faculty Expertise Committee - membership	2012 - Now
• Quality Assurance Unit - membership	
• Department Devices Committee - membership	2004 - Now
• Syndicate of Pharmacy- membership	2003 - Now
• Pharmacology Committee, Ministry of Health	2000 – Now
	2012 - Now

## Attended Courses / Workshops

Name	Year
Workshop of the project “Gender Equality in the Egyptian Higher Education System” at Freie Universität of Berlin	Oct, 2012
Workshop in new trends in teaching, organized by DAAD and presented by German tutors	2012

International publishing of research, FLDC	2012, Feb
Quality standards in teaching, FLDC	2012, Feb
Examination techniques and student evaluation, FLDC	2012, Feb
Financial aspects and university legal, FLDC	2012, Feb
TOEFL, Cairo University	2012, Feb
Use of technology in teaching, FLDC	2011, Mar
ICDL, UNESCO	2011, Apr
Managing a research team, FLDC	2010, May
Statistical data analysis using SPSS package, ISSR	2009, Apr
Effective presentation skills, FLDC	2009, Mar
Ethics of scientific research, FLDC	2008, Jul
Credit hours, FLDC	2008, Mar
New trends in teaching, FLDC	2008, Jan
CUICTT training program (Presentations-Database-Information& communication-IT-Using PC & managing files-Word processing-Spreadsheets-Introduction to PC maintenance & protection)	2007, Oct
Thinking skills, FLDC	2006, Aug
Effective teaching, FLDC	2006, Aug

## Computer and Language Skills

### Computer Skills

- MS office, internet navigation and scientific searching
- Graphpad prism for statistical studies
- SPSS for statistical studies
- Reference Manager
- End note
- Google Apps (Forms – Sites – Drive,..etc)
- Proficient with Adobe Photoshop
- Proficient with Oracle Applications (e.g.: Discoverer Reports designer)

### Language Skills

- Arabic (mother tongue)
- English (Fluent both written and spoken)
- French (Fair spoken)

*Signature*

