



## الخبرات العمليّة

برجاء قراءة هذا الجزء في السيرة الذاتية  
المكتوبة باللغة الإنجليزية

## المؤهلات العلميّة

\* بكالوريوس علوم صيدلية – جامعة السادس من أكتوبر – جمهورية مصر العربية

\* ماجستير في العلوم الصيدلانية - تخصص أدوية وسموم – جامعة القاهرة – جمهورية مصر العربية

\* دكتوراه في العلوم الصيدلانية – تخصص أدوية وسموم – جامعة القاهرة – جمهورية مصر العربية

## الدورات التدريبية

- Attending several training courses of the “National Authority for Quality Assurance and Accreditation of Education- NAQAAE” including:
- Education Programs and Courses Specifications and Evaluation of Learning outcomes for Higher Education Institutes
- Teaching Strategies and Effective Learning for Higher Education Institutions
- Exams systems and students’ assessment methods
- Participation in setting Faculty of Pharmacy-October 6 university Credit Hour program ILOs

## البحوث المنشورة

Abd El-Aal SA, El-Sawalhi MM, Seif-El-Nasr M, Kenawy SA. (2013).

Effect of Celecoxib and L-NAME on global ischemia-reperfusion injury in the rat hippocampus. *Drug Chem Toxicol*, 36 (4): 385-95.

, Mai A. Abd El-Fattah and Hanan S. El-Abhar (2017) Sarah A. Abd El-Aal

CoQ10 Augments Rosuvastatin Neuroprotective Effect in a Model of Global Ischemia via Inhibition of NF-κB/JNK3/Bax and Activation of Akt/FOXO3A/Bim Cues. *Front. Pharmacol*, <https://doi.org/10.3389/fphar.2017.00735>

Basma E Aboulhoda, Laila A Rashed, Hoda Ahmed, Eman MM Obaya, Walaa Ibrahim, Marwa AL Alkafass, Sarah A Abd El-Aal, Asmaa M ShamsEldeen (2021).

Hydrogen sulfide and mesenchymal stem cells-extracted microvesicles attenuate LPS-induced Alzheimer's disease. *Journal of cellular physiology*, DOI: 10.1002/icp.30283

Rania Elsayed HUSSEIN, Laila Ahmed RASHED, Basma Emad ABOULHODA, Ghada Mahmoud ABDELAZIZ, Ebtahal Gamal ABDELHADY, Sarah A Abd EL-AAL, Asmaa SHAMSELDEEN, Mohamed Mansour KHALIFA, Heba MORSI (2021).

The Role of Thymoquinone in Mitigating Carbon Tetrachloride-Induced Hepatocellular Carcinoma in Rats: Targeting the CHOP-1/JNK/P38 MAPK, NFκB/TNF-α/IL-10, and Bax/Bcl-2/Caspase-3 Signalling Pathways. *Folia Biologica (Krakow)*, vol.69(2021), No 1

## معلومات الاتصال

رقم الهاتف : 00964-780-663-3115	📞
البريد الإلكتروني: Sarah.ahmed@alkutcollege.edu.iq	✉
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تاريخ التولد: 1-10-1979	📅
الحالة الاجتماعية : غير متزوجة	👤
السكن: ش. المغرب – الهورة – الكوت – واسط - العراق	📍
الجنسية : مصرية	🇸🇩
اللغة الام : العربية	🗣

## العنوان الوطني

ش عبد الرحمن- حلوان- القاهرة- جمهورية مصر العربية

## المهارات

برجاء قراءة هذا الجزء في السيرة الذاتية  
المكتوبة باللغة الإنجليزية

## اللغات

الانجليزية



## Name & Personal Brief

**Sarah Ahmed Abd EL-Aal Ph.D.**

### Contact Info

	<b>Phone No.</b> 00964-780-663-3115
	<b>Email:</b> Sarah.ahmed@alkutcollege.edu.iq
	<b>Sex :</b> Female
	<b>Birthday:</b> 1-october-1979
	<b>Social status:</b> Unmarried
	<b>Residence :</b> EL Magreb St, El Hora, El Kut, Wasit, Iraq
	<b>Nationality :</b> Egyptian
	<b>Language:</b> Arabic

### Skills

- 1- Induction of transient global cerebral ischemia (TGCI) in rats and mice.
- 2- Dissection of several brain regions of the rodent brain
- 3- Intracardiac perfusion and brain processing for histological analysis and immunohistochemistry.
- 4- Blood sampling techniques.
- 5- Administration of drugs by various routes (oral, intraperitoneal, intramuscular, intravenous and subcutaneous).
- 6- Enzyme activity assays.
- 7- RT-PCR (quantitative).
- 8- Immunological techniques such as western blot and immunoassays (ELISA).

### Languages

English

### Experience

<b>2/10/2018 -Current</b>	Assistant professor of Pharmacology, Department of Pharmacy, Kut University College, Wasit, Iraq.
<b>8/2/2018 - 1/10/2018</b>	Assistant professor of Pharmacology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Giza, Egypt.
<b>2011-2017</b>	Lecturer of Pharmacology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Giza, Egypt.

### 2004-2011 Education

Assistant lecture of Pharmacology, Department of Pharmacology and Toxicology, Faculty of Pharmacy, October 6 University, Giza, Egypt.

<b>2015-2018</b>	Ph. D, Cairo University, Faculty of Pharmacy, Egypt Philosophy doctor degree in Pharmaceutical sciences, Pharmacology and Toxicology
<b>2006-2011</b>	M. Sc., Cairo University, Faculty of Pharmacy, Egypt Master Degree of Pharmaceutical Sciences, Pharmacology & Toxicology.
<b>1998-2003</b>	B.Sc., October 6 University, Faculty of Pharmacy, Egypt Bachelor degree of Pharmaceutical Sciences with general grade 'Excellent' With Honor 1 <sup>st</sup> position.

### Courses

- 1- E-Learning coordinator for pharmacy students (Kut University College, Iraq)  
Responsible for advising and creation of online classrooms for students and exam committees.
- 2- Teaching first level pharmacy students (Kut University College, Iraq), Medical Terminology.
- 3- Teaching first level pharmacy students (Kut University College, Iraq), General anatomy.
- 4- Teaching first level Dentistry students (Kut University College, Iraq), Medical Terminology.
- 5- Teaching second level pharmacy students (Kut University College, Iraq), General physiology.
- 6- Teaching Third level dentistry students (October 6 University, Egypt), General pharmacology.
- 7- Teaching fifth level pharmacy students (October 6 University, Egypt), Clinical Pharmacology.
- 8- Teaching fourth level pharmacy students (October 6 University, Egypt), Toxicology and Forensic.
- 9- Teaching fifth level pharmacy students (October 6 University, Egypt)  
"Practical course coordinator of applied therapeutic, clinical pharmacology and clinical

### Published articles

**Abd El-Aal SA, El-Sawalhi MM, Seif-El-Nasr M, Kenawy SA. (2013).**

Effect of Celecoxib and L-NAME on global ischemia-reperfusion injury in the rat hippocampus.  
**Drug Chem Toxicol, 36 (4): 385-95.**

**, Mai A. Abd El-Fattah and Hanan S. El-Abhar (2017) Sarah A. Abd El-Aal**

CoQ10 Augments Rosuvastatin Neuroprotective Effect in a Model of Global Ischemia via Inhibition of NF- $\kappa$ B/JNK3/Bax and Activation of Akt/FOXO3A/Bim Cues.  
**Front. Pharmacol, <https://doi.org/10.3389/fphar.2017.00735>**

**Basma E Aboulhoda, Laila A Rashed, Hoda Ahmed, Eman MM Obaya, Walaa Ibrahim, Marwa AL Alkafass, Sarah A Abd El-Aal, Asmaa M ShamsEldeen (2021).**

. Hydrogen sulfide and mesenchymal stem cells-extracted microvesicles attenuate LPS-induced Alzheimer's disease  
**Journal of cellular physiology, DOI: 10.1002/icp.30283**

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The Role of Thymoquinone in Mitigating Carbon Tetrachloride-Induced Hepatocellular Carcinoma in Rats: Targeting the CHOP-1/JNK/P38 MAPK, NF $\kappa$ B/TNF- $\alpha$ /IL-10, and Bax/Bcl-2/Caspase-3 Signalling Pathways.  
**Folia Biologica (Krakow), vol.69(2021), No 1**