

### Basic Information :

<b>Name :</b>	Samira Mostafa
<b>Title :</b>	Professor



Dr.Samira Mostafa, Head of Pharmacology and Toxicology and Biochemistry department. She has got her Masters and PhD degrees from Cairo University.

### Education :

Certificate	Major	University	Year
PhD	Pharmaceutical Sciences "	Faculty of Pharmaceutical - Cairo University	1971
Masters	Pharmaceutical Sciences "	Faculty of Pharmaceutical - Cairo University	1968
Bachelor	Pharmaceutical Sciences	Faculty of Pharmaceutical - Cairo University	1965

### Teaching Experience :

Name Of Organization	Position	From Date	To Date
Cairo University and Future University	محكم للإنتاج العلمي المقدم لنيل جائزة الجامعة لأحسن الرسائل لدرجة الدكتوراه للعام الجامعي 2016 . مكتب نائب رئيس جامعة المنصورة	01/01/2016	01/01/2016
Cairo University and Future University	Member of the DAAD selection committee for the evaluation process of applications for GERLS and GERSS Programs, in context of the cooperation between the Egyptian Ministry of Higher Education and Scientific Research and the German Academic Exchange Service (DAAD)	01/01/2016	01/01/2016
الهيئة القومية للرقابة والبحوث الدوائية	مقرر اللجنة العلمية الدائمة لترقية الأساتذة والأساتذة المساعدين بالشعبة العامة للفارماكولوجي بالهيئة القومية للرقابة والبحوث الدوائية والمشكلة بقرار وزير الصحة والسكان رقم 724 لسنة 2014	01/01/2014	01/01/2016
Ministry of Scientific Research	Evaluation of STDF projects submitted to Science and Technology Development Fund (STDF), Ministry of Scientific Research, within the Research Support Grant (RSG).	01/01/2013	01/01/2016
المجلس الأعلى للجامعات	عضو المجلس الأعلى للجامعات - قسم المعادلات - قطاع الدراسات الصيدلانية المختصة بمعادلة درجات الماجستير ودكتوراه الفلسفة في الأدوية والسموم والممنوحة من الجامعات المختلفة بالقاهرة أو من الخارج بالدرجات العلمية في العلوم الصيدلانية تخصص أدوية وسموم التي تمنحها الجامعات المصرية.	01/01/2013	01/01/2016
المجلس الأعلى للجامعات	عضو اللجنة الإستشارية التخصصية التابعة للمجلس الأعلى للجامعات - اللجنة الإستشارية العليا - اللجنة الإستشارية التخصصية المختصة بفحص الإلتزامات المقدمة للمجلس الأعلى للجامعات من بعض المتقدمين للجنة العلمية للفارماكولوجي والصيدلة الإكلينيكية (اللجنة 94) لشغل وظائف الأساتذة والأساتذة المساعدين بالجامعات المصرية في الدورة الحادية عشر (2013 - 2015) والمتضررين من قرار اللجنة بعدم الموافقة على الترقية.	01/01/2013	01/01/2016
Cairo University	Editor-in-Chief of the Egyptian Journal of Basic and Clinical Pharmacology (The Society of Pharmacology and Experimental Therapeutics)	01/01/2010	01/01/2016
Faculty of Pharmacy, October 6 University	Head of Department of Pharmacology & Toxicology (2004-2010)	01/01/2004	01/01/2010
Faculty of Pharmacy, Cairo University	Head of Department of Pharmacology & Toxicology	01/01/2000	01/01/2003

## **Research :**

- Effects of combined PPAR- $\gamma$  and PPAR- $\alpha$  agonist therapy on fructose induced NASH in rats: modulation of gene expression
- Modulation of Diabetes & Dislipidemia in Diabetic Insulin-Resistant Rats by Mangiferin: Role of Adiponectin and TNF- $\alpha$
- Resveratrol and fenofibrate ameliorate fructose-induced nonalcoholic steatohepatitis by modulation of genes expression
- Resveratrol Effect on Fructose-induced NASH: A Mechanistic Approach
- Resveratrol mitigates hepatic injury in rats by regulating oxidative stress, nuclear factor- $\kappa$ B, and apoptosis
- Photothermal therapy mediated by gum Arabic-conjugated gold nanoparticles suppresses liver preneoplastic lesions in mice
- Resveratrol mitigates hepatic injury in rats by regulating oxidative stress, nuclear factor- $\kappa$ B, and apoptosis.
- Managing Diabetes and Liver Disease Association, Guidelines (Consensus) Development
- Effect of exposure to radiation on the inflammatory process and its influence by diclofenac
- Antipyrine clearance in comparison to conventional liver function tests in hepatitis C virus patients
- The effect of Nigella sativa oil against the liver damage induced by Schistosoma mansoni infection in mice
- Synergistic Apoptotic Effect of Doxil® and Aminolevulinic Acid-Based Photodynamic Therapy on Human Breast Adenocarcinoma Cells
- Protective effect of N-acetylcysteine against carmustine-induced myelotoxicity in rats
- Feline endotoxin shock: effects on tissue histamine and histidine decarboxylase activity
- Does sirolimus attenuate the damage induced by partial warm ischemia/reperfusion injury in rat livers?
- The chemopreventive effect of dimethylthiourea against carmustine-induced myelotoxicity in rats
- Effect of cysteine on the hepatic toxicity and antischistosomal activity of antimonyl potassium tartrate
- Reversal of doxorubicin resistance by adenovirusmediated transfer of cyclooxygenase-2 antisense in multidrug-resistant MCF-7 cells
- Rapid on-treatment response as a predictor in HCV infected naïve Egyptian patients
- The effect of Nigella sativa oil against the liver damage induced by Schistosoma mansoni infection in mice.
- Imipramine and amitriptyline ameliorate the rotenone model of Parkinson's disease in rats
- Protective effects of the angiotensin II receptor blocker losartan on cisplatin-induced kidney injury
- Antipyrine clearance in comparison to conventional liver function tests in hepatitis C virus patients
- Gastroprotective activity of Nigella sativa oil and its constituent, thymoquinone, against gastric mucosal injury induced by ischaemia/reperfusion in rats.
- Protective effects of L-arginine against cisplatin-induced renal oxidative stress and toxicity: role of nitric oxide
- Penicillamine as an adjuvant to antimonial therapy of schistosomiasis: effect on liver function tests in rabbits and on antischistosomal activity.
- Some biochemical changes in Schistosomiasis mansoni.
- Testicular lipids and serum FSH of mice in experimental Schistosomiasis mansoni.
- Effect of praziquantel on the cardiotoxic action of cardiac glycosides.
- The effect of Schistosoma mansoni infection, and of oxamniquine, a new antischistosomal drug on some vitamins in the livers of hamsters.
- The relation between liver vitamin content and the duration of Schistosoma mansoni infection in mice.
- Reversal of hepatic fibrosis after praziquantel therapy of murine schistosomiasis.
- Schistosoma mansoni: angiotensin converting enzyme activity in mice under the influence of praziquantel and/or captopril.
- Effect of antischistosomal drugs on some aspects of carbohydrate metabolism in mice.
- Effect of fluphenazine on tissue noradrenaline concentrations and its interaction with pargyline.

Studies on the effect of oral hypoglycaemic agents on hepatic glycogenolysis
Effect of acetylsalicylic acid and phenylbutazone on glucose absorption in vitro
Radiation exposure and the effect of piroxicam and diclofenac on mediator release from isolated guinea-pig lung
The protective value of piroxicam on the enhanced inflammatory response after whole body irradiation.
Evaluation of hepatic fibrosis after oxamniquine therapy of murine schistosomiasis.
Effect of exposure to radiation on the inflammatory process and its influence by diclofenac.
Resveratrol and fenofibrate ameliorate fructose-induced nonalcoholic steatohepatitis by modulation of genes expression
Rosmarinic acid attenuates hepatic fibrogenesis via suppression of hepatic stellate cell activation/proliferation and induction of apoptosis.
Gum Arabic-encapsulated gold nanoparticles for a non-invasive photothermal ablation of lung tumor in mice.
Metabolic profile and hepatoprotective activity of the anthocyanin-rich extract of Hibiscus sabdariffa calyces

#### **Conference :**

Antioxidant and Anti-inflammatory Activities as Underlying Mechanisms of Neuroprotection by Amitriptyline in Parkinson's disease in Rats
Nimodipine: A Novel Protective Calcium Channel Blocker Against 3-Nitropropionic Acid Induced Huntington's Disease
Role of rutin as a potential hepatic antifibrotic agent: in vitro and in vivo studies
Mitigation of hepatic injury in rats by phytochemicals: role of oxidative stress, nuclear factor-kappa B and apoptosis

#### **Awards :**

<b>Award</b>	<b>Donor</b>	<b>Date</b>
Prize from the supreme council of universities for publishing papers in International journals in the year 2014	The Supreme Council of Universities	01/01/2014
Prize from the supreme council of universities for publishing papers in International journals in the year 2010	The Supreme Council of Universities	01/01/2010
Prize from the supreme council of universities for publishing papers in International journals in the year 2007	The Supreme Council of Universities	01/01/2007
Prize for best research in Pharmacology given by Cairo University in 1981	Cairo University	01/01/1981
Mallincrodt, Frankfurt, GDR, August 1980, for training on RIA	Frankfurt, GDR	01/01/1980
Visit to Beckmann, Genève, Switzerland, July 1980 for training on Astra	Genève, Switzerland	01/01/1980
Visit to Gilford. Ohio State, October 1978, for training on the use of autoanalyzers	Ohio state, USA	01/01/1978
A post-doctor fellowship in Pharmacology , Strathclyde University, Glasgow, United Kingdom (January 1976- January 1977)	Strathclyde University, Glasgow, United Kingdom	01/01/1976