

Curriculum Vitae

- Name **SAAD SEDKY MOHAMED ISMAIL ABDOU**
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Academic Background

- **Ph. D. Pharmacology** from the **Faculty of Medicine, University of Alexandria, Alexandria, Egypt - 1994**
Title of the Thesis: Changes in Some Metabolic Parameters of Mouse Hepatocytes Following Infection with *Schistosoma mansoni* and Treatment with Praziquantel
- **Master of Internal Medicine** from the **Faculty of Medicine, University of Alexandria, Alexandria, Egypt - 2003**
Title of the Thesis: Incidence of Multiple Drug Resistance Gene Overexpression in Patients with Acute Myeloid Leukemia and its Relationship to the Response to Treatment
- **Master of Pharmacology** from the **Faculty of Medicine, University of Alexandria, Alexandria, Egypt - 1988**
Title of the Thesis: Pharmacokinetics of Chloramphenicol and Metronidazole in Patients with Hepatosplenic Schistosomiasis
- **Bachelor of Internal Medicine and Surgery, Faculty of Medicine, University of Alexandria, Alexandria, Egypt – 1980** with Marks of Very Good with Honor.

Training

- **1997 till 2003:** Resident in the Department of Internal Medicine, Faculty of Medicine, University of Alexandria, Alexandria, Egypt.
- **1992, October till 1993, July** Training in the Department of Biology, Tor Vergata University, Rome, Italy.
- **1989 till 1994:** Training as Assistant Lecturer in the Department of Pharmacology, Faculty of Medicine, University of Alexandria, Alexandria, Egypt.
- **1982 till 1989:** Training as Demonstrator in the Department of Pharmacology, Faculty of Medicine, University of Alexandria, Alexandria, Egypt.

Professional Information

- March 2018 – Assistant Professor of Pharmacology Medical Research Institute, Alexandria University, Alexandria, Egypt.
- December 2009 - Associate Professor of Pharmacology, Qassim College of Medicine, Qassim University, KSA. During this period, I was partially deputed for teaching in El-Jouf University, Shaqra University, and Uniza College of Medicine, KSA.
- March 2008 - Associate Professor of Pharmacology, Ibn Sina National College of Medical Sciences, KSA.
- August 2007 - Assistant Professor of Pharmacology, Medical Research Institute, Alexandria University, Alexandria, Egypt.
- September 1994 – Lectures or of Pharmacology, Medical Research Institute, Alexandria University, Alexandria, Egypt.

- February 1989 – Assistant lecturer of Pharmacology, Medical Research Institute, Alexandria University, Alexandria, Egypt.
- March 1982 - Demonstrator of Pharmacology, Medical Research Institute, Alexandria University, Alexandria, Egypt.
- March 1981 - General Practitioner, Ministry of Health, Egypt.

Experience

I. Teaching:

- **Problem-Based Learning** (PBL) for Undergraduate Medical Students: Traditional and online tutorial sessions
- **Team-Based Learning** (TBL)
- **Lecturing** (traditional, interactive, and online teaching):
 - Courses of Pharmacology for Postgraduate Medical Students
 - Courses of Pharmacotherapy for Pharm D. students
 - Pharmacology for Medical Students
 - Therapeutics and case discussion for Medical Students
 - Pharmacology for Pharmacy Students
 - Dental Pharmacology
 - Pharmacokinetics for Pharm D Students
 - Pharmacology for Nurses
- **Clinical Skills** for Medical and Pharm D Students

II. Preparation of different modalities of assessment (MCQ, SEQ, MEQ, OSPE, OSCE and oral examinations)

Preparation of the PROGRESS TES (KSA)

III. **Research experiences:**

- Research using ex vivo models
- Research using in vivo models of drug toxicity
- In vivo research using animal models of diseases
- Supervision of undergraduate student research

IV. **Administrative, Supervision and membership experiences:**

- Coordinator of the PBL **Problem Reviewing Committee**
(responsible for preparation, revision and implementation of PBL scenarios and formative assessment)
- **Course Coordinator:**
Coordinator of the following courses for medical students: (awarded as the best organizer several times)

1) Cardiovascular System (CVS):	3 years
2) Endocrine and Reproductive Systems	6 years
3) Central Nervous System (CNS):	One year
- Coordinator of the **Strategic Planning Unit**, Qassim College of Medicine
- Member of the **Quality Assurance Unit**, Qassim College of Medicine
- Member of the **Policies and Procedures Unit**, Qassim College of Medicine
- Member of the **Curriculum Reviewing Committee**, Qassim College of Medicine

- Member of the **Blueprint Committee**, Qassim College of Medicine

Theses Supervised

Ph D Theses

- A Comparative Study on the Effect of Oltipraz on Glutathione Metabolism in Cultured Mouse Hepatocytes and *Schistosoma mansoni* (Submitted to the Department of Pharmacology, Faculty of Medicine, University of Tanta, Tanta, Egypt, 1997- 2003).
- The Effect of Antioxidants on the Ultra Structural and Functional Changes in Beta Cells of the Pancreas in Diabetic Rats (Submitted to the Department of Applied Medical Chemistry, Medical Research Institute, University of Alexandria, Alexandria, Egypt, 2003 – 2007)
- A Comparative Study on the Effects of Hormonal Therapy, Procainamide, Selenium and Lovastatin in Experimental Mammary Carcinogenesis in Rats (Submitted to the Department of Pharmacology, Faculty of Medicine, University of Alexandria, Alexandria, Egypt, 2006 - Work in Progress).
- Evaluation of the Anti-Carcinogenic Action of Drugs with Possible Novel Targets for Treatment of Experimentally- Induced Breast Cancer in Rats (Submitted to the Department of Pharmacology, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt, 2006- Work in Progress).

Master Theses

- Alteration in Lipid Peroxidation and Some Free Radical Scavengers During *Schistosoma mansoni* Infection and Dimethylnitrosamine Injection in Mice Liver (Submitted to the Department of Applied Medical Chemistry, Medical Research Institute, University of Alexandria, Alexandria, Egypt 1999-2002)
- The Effect of Anastrozole and/or Celecoxib on 7,12 – Dimethylbenz(a)anthracene – Induced Rat Mammary Tumors

(Submitted to the Department of Pharmacology, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt, 2001-2005) .

- Effects of Chronic Ethanol and Vitamin C Administration on the Antioxidant Defense System and the Release of Tumor Necrosis Factor Alpha and Interleukin – 6 in Rats (Submitted to the Department of Applied Medical Chemistry, Medical Research Institute, University of Alexandria, Alexandria, Egypt 2001-2005).

Conferences Attended

- The 7th Medical Research Conference and the Third Egyptian-Italian Workshop on Environment and Health, Medical Research Institute, University of Alexandria, Alexandria, Egypt, October 29-30, 1994.
- The 8th Medical Research Conference and The Fourth Egyptian Italian Workshop on Community and Health, Medical Research Institute, University of Alexandria, Alexandria, Egypt, October 26-27, 1996.
- The 9th Medical Research Conference on Infectious Diseases and Public Health; A Research and Clinical Update, Medical Research Institute, University of Alexandria, Alexandria, Egypt, October 17-20, 1997
- The 15th Annual Conference on Environmental Pollutants and Drug Interaction, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt, October 6-7, 1999
- The 10th Medical Research Conference on Recent Diagnostic and Therapeutic Approaches, Medical Research Institute, University of Alexandria, Alexandria, Egypt, October 8-10, 2003
- The 11th Medical Research Conference on Evidence – Based Medicine, Medical Research Institute, University of Alexandria, Alexandria, Egypt, October 23-25, 2005.

Published Journal Articles

- Effect of chronic vitamin C administration on Ethanol-Induced Changes in the Liver Antioxidant Defense System and Serum Cytokines in Rats. **Alexandria J Pharmaceut Sci 2007; 21**
- Comparative Effects of Tamoxifen Versus Anastrozole in an Experimental Mammary Carcinogenesis Model. **J Med Res Instit 2005; 26: 71-6.**
- Effect of Cefoperazone Adjuvant Therapy on the Response to the Remission Induction Regimen in Patients with Acute Myeloid Leukemia. **J Medical Res Instit 2005; 26: 64-70.**
- *In vitro* Effect of Low Concentrations of Oltipraz on the Antioxidant Defense of Mouse Hepatocytes and *Schistosoma mansoni* Worms. **Br J Biomed Sci 2004; 61: 15-21.**
- *In vitro* Studies of Some Detoxifying and Antioxidant Enzymes in Cattle Fascioliasis. **Med J Cairo University 2003; 71: 189-96.**
- Serum Proteins and Glycoproteins in Acute Fascioliasis Before and after Triclabendazole treatment. **J Med Res Instit 2002; 23: 70-9.** ◯ ◯ After
- Effect of Selenium Supplementation on the Activities of Glutathione Metabolizing Enzymes in Human Hepatoma Hep G2 Cell Line. **Toxicology 2000; 144: 57-61.**
- Evaluation of Blood Fibronectin, Carcinoembryonic Antigen and Alkaline Phosphatase as Tumour Markers in the Biologic Behaviour of Metastatic and Non Metastatic Breast Cancer. **Egypt. J. Med. Sci, 1999; 20(3): 939-407.**
- Changes in the Defense Against Free Radicals in the Liver and Plasma of the Dog During Hypoxia and / or Halothane Anesthesia. **Toxicology 1998; 128: 25-34.**

- Changes in Some Biochemical Parameters Associated with Oxidative Metabolism in Mouse Liver Following Infection with *S. mansoni* and Treatment with Praziquantel. **Clin Chem Enzy Comms** **1995;6 : 401-9.**

Papers presented

Effect of Selenium Supplementation on The Activities of Glutathione Metabolising Enzymes in Human Hepatoma Hep G2 Cell Line, The 15th Annual Conference on Environmental Pollulants and Drug Interaction 6-7 October 1999, Faculty of Pharmacy, University of Alexandria.