



Personal Statement

Assistant Professor of Physiology and Biology with five years academic experience at AlAhliyya Amman University at the Faculty of Allied Medical Sciences for the years (2015-2020). I was the instructor of physiology, biology, Practical Physiology and Anatomy. Also, I took the responsibility to be the coordinator of the whole theoretical and practical physiology. I have an extensive experience in project preparation, team management, presenting and teaching subjects of specialty. Moreover, I worked with the Quality and Accreditation team at the faculty for three years and acquired an excellent experience in how to writing a strategic and operational plans, aligning the department learning outcomes with faculty main goals, organizing the course files, preparing forms and study plans,etc.

My key interests and knowledge are predominately in theoretical and experimental (scientific research) work.

In my department I'd established a new syllabus for Embryology and Fertilization that I'd taught in the faculty. I also contributed significantly to the updated Manual of Physiology.

Recently, I've started my work at Ibn Sina University for Medical Sciences as Assistant Professor of biology and Molecular Biology at Faculty of Medicine in addition to my responsibilities as a head of quality assurance committee at the faculty.

Key Experience

- Two Electrode Voltage-Clamp technique (TEVC).
- Creating dose response curve by recording the response of aortic rings using Power Lab (AD Instrument) powered by Lab Chart 7.3 (AD Instruments, Castle Hill, Australia) software.
- Experimental design.
- DNA and mRNA detection by gel electrophoresis and isolation.
- In-vitro transcription.
- Protein isolation and purification.

- SDS - PAGE.
- Microbiological techniques.

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- Knowledgeable about sub cloning.
- Microinjection.
- RNA and DNA isolation purification.

Education

- University of Jordan, Amman, Jordan 08/2008 - 05/2015
Ph.D in Biological science/Electrophysiology
- University of Jordan, Amman, Jordan 04/2004 - 06/2006
M.Sc. in Biological sciences
- Univirsity of Mosul, Mosul, Iraq 09/1992 - 07/1996
B.Sc. in Biological sciences

Employment History

- Faculty of Medicine, Ibn Sina University for Medical Sciences,
Amman, Jordan. December, 2022- recent
Assistant Professor of Biology, Head of Accreditation and Quality office/ Full time.
- Faculty of Pharmacy, Amman Arab University,
Amman, Jordan. October, 2020- August,
Assistant Professor of Physiology/ Part time. 2021
- Faculty of Pharmacy and Medical Sciences,
Al-Ahliyya Amman University, Amman, Jordan. 01/09/2016- 31/08/2020
Assistant Professor of Physiology/ Full time.
- Faculty of Pharmacy and Medical Sciences,
Al-Ahliyya Amman University, Amman, Jordan. 01/07/2015- 31/08/2016
Assistant Professor of Physiology/ Part time.
- Ebin – Seena Teaching Hospital, Mosul, Iraq 01/04/2001 - 01/05/2002

Bacteriologist

- University of Mosul, Mosul, Iraq

01/01/1997 - 01/01/2004

Teaching laboratory Assistant

Awards/Conferences

- Medical Education Symposium: “Medical Education in Jordan and Beyond: Challenges and Possibilities”. Hosted by Medical Education Center, Faculty of Medicine, The Hashemite university, Jordan. 14/06/2023
- Participated in the 1st International Conference of Jordanian Faculties of Pharmacy, held in Amman-Jordan/Al-Isra University. Poster produce Expression of the α_1 Subunit of Human Cardiac L-Type Voltage Gated Ca^{2+} Channel in Local Frog *Bufo viridis* Oocytes (Poster). 28/10/2015
- Scientific excellence Award for outstanding students/Embassy of the Republic of Iraq/Amman. 07/2015

Lectures and Workshops

- How to represent yourself as a scientific researcher. 29/12/2022
- Procedure of Ethical Approval. 20/04/2023
- Scientific research methodology. 01/05/2023

Publications/Presentations

- Mai M. Hasan, Radwa Mahmoud Al-sayed, Eman AbdelRaouf Mohammed, Aya Mahmoud Mohammed, **Noor Nadhim Al-Saigh**. A Brief Overview about Possible Correlation Between Intermittent Fasting and Cognitive Functions. 2023. **Eur. Chem. Bull.** 2023, 12 (1), 3404– 3413
- Manal A Abbas, **Noor Nadhim Al-Saigh**, Fadi G Saqallah. Regulation of adipogenesis by exosomal milk miRNA. 2023. **Reviews in Endocrine and Metabolic Disorders.** 2023. 24: 297–316.
- **Noor Nadhim Al-Saigh** and Abdalla S. Safranil Induces Vasorelaxation by Inhibiting Ca^{2+} Influx and Na^+/Ca^{2+} Exchanger in Isolated Rat Aortic Rings. **Molecules.** 2022; 27, 4228: (1-13).

- Thesis title: Effect of Selected Flavonoids on L-type Ca^{2+} Channels Expressed in Frog (*bufo viridis*) Oocytes Using Two- Electrode Voltage Clamp Technique. 05/2015

Language Proficiency

- Academic IELTS, on May, 2021
- National TOEFL certificates from University of Jordan in Arabic and English.
- Level A1 in German from Goethe-institute /Amman.

Referees

- Dr. Shtaywy S. Abdallah, Prof. of Physiology
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shtaywy@yahoo.com
- Dr. Salwa M. Bdour, Prof. of Molecular Biology
University of Jordan/Dep. Of Biological Sciences Phone No. 0096279684223 email:
bsalwa@ju.edu.jo