



Curriculum Vita (CV) for Faculty Staff

Assistant Professor of Physiology and Molecular Biology with over nine years of experience in medical education and academic leadership, my career integrates academic expertise in life sciences with a proven experience in university accreditation and strategic quality management.

Throughout this time, I took on the task of coordination and supervision of both theoretical and practical curricula in Physiology. My contributions also include developing a new syllabus for Embryology and Fertilization and introducing a significant update of the Physiology laboratory manual. Furthermore, I have instructed courses in General Biology and Physiology for undergraduate students within the Faculties of Pharmacy and Allied Medical Sciences, focused on bridging theoretical foundations with practical applications.

In parallel, I possess extensive expertise in accreditation and quality assurance field. This includes aligning academic programs with local and international quality standards, mapping Course Learning Outcomes (CLOs) to program goals and institutional objectives, designing standardized templates, managing course files, as well as study plans and accreditation forms to ensure the optimal application of quality benchmarks.

Recently, since 2022, I have been contributing to Ibn Sina University for Medical Sciences through a dual role. As an Assistant Professor in the Department of Basic Medical Sciences at the Faculty of Medicine, I teach and coordinate courses in General Biology, Cell and Molecular Biology. Moreover, I developed the practical component of the General Biology course and successfully increased its credit-hour allocation within the Doctor of Medicine (MD) program. Simultaneously, I serve as the Director of the Accreditation and Quality Assurance Office, where I direct the implementation of academic quality standards to ensure that graduates' outcomes meet the needs of the labor market and the community. In this capacity, I also monitor institutional performance across all university departments to ensure the achievement of academic program objectives.



أستاذ مساعد في علم وظائف الأعضاء والبيولوجيا الجزيئية بخبرة تتجاوز تسع سنوات في التعليم الطبي والقيادة الأكاديمية، حيث يجمع مساري المهني بين التخصص الأكاديمي في علوم الحياة والخبرة العملية المثبتة في مجالات الاعتماد الجامعي وإدارة الجودة.

خلال فترات عملي توليت مهام التنسيق والإشراف على المساقات الدراسية في علم وظائف الأعضاء بشقيه النظري والعملي. كما قمت بتطوير منهاج جديد لمادة علم الأجنة والإخصاب، وأحدثت تطويراً جوهرياً على دليل التجارب العملي لعلم وظائف الأعضاء. بالإضافة إلى ذلك، قمت بتدريس مساقات الأحياء العامة والتشريح لطلبة البكالوريوس في كليات الصيدلة والعلوم الطبية المساندة، حيث نجحت في الربط بين المفاهيم النظرية والتطبيقات العملية.

وبالتوازي مع الجانب التدريسي، امتلكت خبرة واسعة في مجال الاعتماد وضمان الجودة في مؤسسات التعليم العالي من خلال عملي على موازنة البرامج الأكاديمية مع معايير الجودة المحلية والدولية وكتابة وربط مخرجات التعلم بأهداف البرنامج والأهداف المؤسسية، وإدارة ملفات المساقات ونماذج الاعتماد لضمان التطبيق الأمثل لمعايير الجودة.

حالياً ومنذ عام 2022، أوصل العطاء في جامعة ابن سينا للعلوم الطبية من خلال دور مزدوج؛ كأستاذ مساعد لمساقات علم الأحياء العام وعلم الخلية والبيولوجيا الجزيئية في كلية الطب/ قسم العلوم الطبية الأساسية تدريسياً وتنسيقاً حيث عملت على استحداث الجزء العملي في مساق علم الأحياء العام و رفع عدد ساعاته المعتمدة ضمن خطة برنامج دكتور في الطب، وفي ذات الوقت عمل كمدير لمكتب الاعتماد وضبط الجودة في الجامعة أعمل من خلالها على ادارة وتوجيه العمل في معايير جودة البرامج الأكاديمية في الجامعة وضمان تحقيق مخرجات تُلبي احتياجات سوق العمل والمجتمع المحلي إضافة الى العمل على دعم ومراقبة الأداء المؤسسي في كافة دوائر الجامعة والذي يصب في تحقيق المخرجات للبرامج الأكاديمية.

1. Personal Information

Name:	Noor Nadhim Al-Saigh
Date and place of birth	24/12/1973, Mosul-Iraq
Faculty:	Faculty of Medicine
Department:	Basic Medical sciences
Contact info.	Ext. 4104



2. Education

Degree	Field	Issuing institute	Date
PhD	Biological Science/Physiology	University of Jordan	May 2015
MSc	Biological Sciences	University of Jordan	June 2006
BSc	Biological Sciences	University of Mosul	July 1996

3. Specialization and area of interest

General	Physiology, Cellular and Molecular Biology
Focus area	Ion channels and electrophysiology, molecular mechanisms regulating physiological functions, gene expression targeting as a strategy for developing therapeutic solutions for certain diseases.

4. Professional experience

Position	Date
Assistant Professor of Molecular Biology, Faculty of Medicine. Head of Accreditation and Quality office	2022 - recent
Assistant Professor of Physiology, Faculty of Pharmacy	2020-2022
Assistant Professor of Physiology, , Faculty of Pharmacy and Allied Medical Sciences.	2015-2020

Accreditation and Quality Assurance Office

5. Research Experience

1. Experimental design
2. Creating does 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
3. DNA and mRNA detection by gel electrophoresis and isolation
4. RNA and DNA isolation purification.
5. In-vitro transcription, Protein isolation and purification, SDS – PAGE
6. Knowledgeable about sub cloning
7. Microinjection



8. Two Electrode Voltage-Clamp Techniques (TEVC)

6. Publications	
Name of Author(s)	Title
ORCID: 0000-0002-5404-5226	
Noor N. Al-Saigh; Amani A. Harb; Shtaywy Abdalla	Receptors Involved in COVID-19-Related Anosmia: An Update on the Pathophysiology and the Mechanistic Aspects. https://doi.org/10.3390/ijms25158527
Manal A. Abbas; Noor Nadhim Al-Saigh; Fadi G. Saqallah	Regulation of adipogenesis by exosomal milk miRNA. https://doi.org/10.1007/s11154-023-09788-3
Al-Saigh, Noor Nadhim; Abdalla, Shtaywy	Safranal Induces Vasorelaxation by Inhibiting Ca^{2+} Influx and Na^+/Ca^{2+} Exchanger in Isolated Rat Aortic Rings. https://doi.org/10.3390/molecules27134228

مكتب الاعتماد

7. Conferences and Presentations		
Name- organizer	Place and date	Type of participation
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	Attendance
Participated in the 1 st 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	28/10/2015	Poster



Gated Ca ²⁺ Channel in Local Frog <i>Bufo viridis</i> Oocytes.		
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8. Training courses	
Course name-organizer	Date
<i>Assessment & Feedback as Tools for Learning: Reimagining Assessment and Feedback Practice in Jordanian Higher Education-Workshop, British Council</i>	November 2023
<i>A capacity-building workshop, British Council</i>	November 20th, 2024
<i>“Reimagining Learning – Leveraging AI in Curriculum, Assessment & Engagement”, British Council</i>	Tuesday, 17 September 2025
<i>Active Pedagogies for Critical Thinking in a Changing World ". British Council</i>	December 03, 2025

مكتب الاعتماد

9. Teaching Experience for last 5 years		
Course Name	Year	Institute
General Biology, Cytology and Molecular Biology	12/2022 -Present	Faculty of Medicine, Ibn Sina University for Medical Sciences. Amman, Jordan. Full time
Physiology and General Biology	10/2020 -08/2021	Faculty of Pharmacy, Amman Arab University. Amman, Jordan. Full time
Physiology	09/2016 -08/2020	Faculty of Pharmacy and Allied Medical Sciences, Al-Ahliyya Amman



		University. Amman, Jordan. Full time
Embryology	07/2015 -08/2016	Faculty of Pharmacy and Allied Medical Sciences, Al-Ahliyya Amman University. Amman, Jordan. Part time
Hospital Laboratory	04/2001 -05/2002	Ebin – Seena Teaching Hospital. Mosul, Iraq, Part time
Teaching laboratory Assistant	1997 -2004	University of Mosul. Mosul, Iraq, Full time

مكتب الاعتماد و ضمان الجودة

10. committees' membership and community service	
Date	Name or type of membership/service
1. Faculty of Medicine Board, 2025/2026.	member
2. Curriculum and Study Plans Committee at Faculty of Medicine 2024/2025, 2025/2026	member

11. Awards And Honors



Name	Date	Issuing authority
Scientific Excellence Award for Outstanding Students.	07/2015	Embassy of the Republic of Iraq/Amman

12. Other skills
Curriculum development and instructional design for lectures
Designing research experiments and teaching laboratory modules

13. References
1. Dr. Shtaywy S. Abdallah, Prof. of Physiology, University of Jordan/Dept. of Biological Sciences Phone No. 00962777490010 email: shtaywy@ju.edu.jo
2. Dr. Salwa M. Bdour, Prof. of Molecular Biology, University of Jordan/Dep. Of Biological Sciences Phone No. 0096279684223 email: bsalwa@ju.edu.jo

مكتب الاعتماد
و ضمان الجودة

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