

Date: 16.04.2025



CURRICULUM VITAE

PERSONAL INFORMATION

Faculty Member Name: **NUSEIBAH HASAN AL QTAISH**
Academic Rank: Assistant Professor
College: Pharmacy
Department: Pharmacy
Nationality: Jordanian/Spanish
Address: Jubeiha/Jordan
Phone No: 00962 79 622 3581
E-mail: N.qtaish@aau.edu.jo

ACADEMIC QUALIFICATIONS

- B.Sc. in **Pharmacy**, Jordan University of Science and Technology (JUST), 2007–2013
- M.Sc. in **Molecular Biology and Biomedicine**, University of Cantabria (UNICAN), 2014–2015
Project / theses title: Construction of a recombinant mu opioid receptor tagged with FLAG epitope and yellow fluorescent protein to generate a FLIP-In HEK293 stable cell line.
- Ph.D. in **Pharmaceutical Technology**, University of the Basque Country UPV/EHU, 2018–2023
Dissertation title: Evaluation of the biophysical performance upon the integration of helper components into cationic niosomes for the treatment of both retinal and brain diseases by gene therapy.

ACADEMIC EXPERIENCE

- Duration: 10/2023- Present
- University: **Amman Arab University**
- Academic Rank: **Assistant Professor**
- Date the rank was granted: 10/2023
- The body granting the rank: Amman Arab University
- College: Pharmacy
- Country: Jordan

NON-ACADEMIC EXPERIENCE

- Duration: 01/2023-09/2023
Institution: Jerash Pharmaceutical Company
Department: **Promotion-Medical Representative**
Country: Jordan
- Duration: 01/2022-12/2022
Institution: Manchester Drug Store

دائرة الموارد البشرية
Human Resources Department

Department: **Promotion -Medical Representative**

Country: Jordan

- Duration: 01/2021-12/2021

Institution: Al Ghattas Drug Store

Department: **Promotion -Medical Representative**

Country: Jordan

- Duration: 01/2020-12/2020

Institution: **Research Assistant**

Department: Jordan University

Country: Jordan

- Duration: 2017 – 2020

Institution: University of the Basque Country (UPV/EHU)

Department: NanoBioCel

Country: Spain

- Duration: 2014 – 2016

Institution: UNICAN

Department: IBBTEC

Country: Spain

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

- Registered Pharmacist License (e.g., from Jordanian Pharmacists Association)

CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- Jordan Pharmacy Association
- Asociación de señoras españolas y hispanohablantes en Jordania

HONORS AND AWARDS

- Second prize for the best international article, **BIDARABA XXIII, 2022**. Title: Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy. Nanoplatfrom for Central Nervous System Diseases.
- Best Scientific Poster Award, Pharmaceutical Medicine Domiciliation in the Middle East, Amman Arab University, 2024

SERVICE ACTIVITIES

- Quality Assurance Committee
- Scientific Research Committee
- Qualifications Design Committee
- Academic Advising Committee
- Postgraduate Studies Committee
- Field Training Committee
- Faculty Member Recruitment Committee

THE MOST IMPORTANT PUBLICATIONS IN LAST FIVE YEARS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
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- **Niosome-Based Approach for In Situ Gene Delivery to Retina and Brain Cortex as Immune-Privileged Tissues.** *Pharmaceutics*, **2020** Feb 25;12(3):198.

Nuseibah Al Qtaish , Idoia Gallego, Ilia Villate-Beitia, Myriam Sainz-Ramos, Tania Belén López-Méndez, Santiago Grijalvo, Ramón Eritja, Cristina Soto-Sánchez, Gema Martínez-Navarrete, Eduardo Fernández, Gustavo Puras, José Luis Pedraz.

- **Sphingolipid extracts enhance gene delivery of cationic lipid vesicles into retina and brain.** *European Journal of Pharmaceutics and Biopharmaceutics*, **2021** Dec;169:103-112.

Nuseibah Al Qtaish, Idoia Gallego, Ilia Villate-Beitia, Myriam Sainz-Ramos, Gema Martínez-Navarrete, Cristina Soto-Sánchez, Eduardo Fernández, Patricia Gálvez-Martín, Tania B Lopez-Mendez, Gustavo Puras, José Luis Pedraz.

- **Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy. Nanoplatfor for Central Nervous System Diseases.** *ACS Applied Materials and Interfaces*, **2022**, 14, 11, 13665–13677.

Nuseibah AL Qtaish, Idoia Gallego, Alejandro J. Paredes, Ilia Villate-Beitia, Cristina Soto-Sánchez, Gema Martínez-Navarrete, Myriam Sainz-Ramos, Tania B. Lopez-Mendez, Eduardo Fernández, Gustavo Puras, and José Luis Pedraz.

- **Long-term biophysical stability of nanodiamonds combined with lipid nanocarriers for non-viral gene delivery to the retina.** *International Journal of Pharmaceutics*, **2023** May 25:639:122968.

Nuseibah H Al Qtaish, Ilia Villate-Beitia, Idoia Gallego, Gema Martínez-Navarrete, Cristina Soto-Sánchez, Myriam Sainz-Ramos, Tania B Lopez-Mendez, Alejandro J Paredes, Francisco Javier Chichón, Noelia Zamarreño, Eduardo Fernández, Gustavo Puras, José Luis Pedraz.

- **Correlation between Biophysical Properties of Niosomes Elaborated with Chloroquine and Different Tensioactives and Their Transfection Efficiency,** *Pharmaceutics*. **2021** Oct 26;13(11):1787.

Myriam Sainz-Ramos , Ilia Villate-Beitia, Idoia Gallego, Nuseibah Al Qtaish, Margarita Menéndez, Laura Lagartera, Santiago Grijalvo, Ramón Eritja, Gustavo Puras, José Luis Pedraz.

- **Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery,** *Pharmaceutics*. **2019** Feb; 11(2): 50.

Santiago Grijalvo, Gustavo Puras, Jon Zárate, Myriam Sainz-Ramos, Nuseibah A. L. Qtaish, Tania López, Mohamed Mashal, Noha Attia, David Díaz Díaz, Ramon Pons, Eduardo Fernández, José Luis Pedraz and Ramon Eritja.

- **A second update on mapping the human genetic architecture of COVID-19,** *Nature* volume 621, pagesE7–E26 (2023).

Ezaldeen Esawi, Abdulfattah Al-Kadash, **Nuseibah Al Qtaish**, Mohammad M. Al-Ja'afreh, Walhan Alshaer & Mohammad A. Ismail.

- **Lenvatinib-Loaded Poly(lactic-co-glycolic acid) Nanoparticles with Epidermal Growth Factor Receptor Antibody Conjugation as a Preclinical Approach to Therapeutically Improve Thyroid Cancer with Aggressive Behavior.** Biomolecules, 13(11), 1647, (2023).

Revilla, G., Al Qtaish, N., Caruana, P., Sainz-Ramos, M., Lopez-Mendez, T., Rodriguez, F., Paez-Espinosa, V., Li, C., Vallverdú, N. F., Edwards, M., Moral, A., Pérez, J. I., Escolà-Gil, J. C., Pedraz, J. L., Gallego, I., Corcoy, R., Céspedes, M. V., Puras, G., & Mato, E.

CONFERENCES

- **Long-term biophysical stability of nanodiamonds combined with lipid nanocarriers for non-viral gene delivery to the retina**

AUTHORS: Nuseibah Al Qtaish.

CONFERENCE NAME: 9th International Pharmaceutical Conference 2024 (ZIPC2024)

ORGANIZATION: Al-Zaytoonah University of Jordan

CITY: Amman, Jordan

DATE: October 16-17, **2024**

PRESENTATION TYPE: Poster Presentation

- **Lenvatinib-Loaded Nanoparticles as a Preclinical Approach to Therapeutically Improve Thyroid Cancer with Aggressive Behavior**

AUTHORS: Nuseibah Al Qtaish

CONFERENCE NAME: The First International Conference of the College of Pharmacy – Amman Arab University & The 2nd Annual Conference of the Middle East Association of Pharmaceutical Physicians – MEAPP/UK

CONFERENCE TITLE: "Pharmaceutical Medicine Domiciliation in the Middle East"

ORGANIZATION: Amman Arab University & MEAPP/UK

CITY: Amman, Jordan

DATE: September 25-26, **2024**

PRESENTATION TYPE: Oral Presentation

- **Insights from Novel Nanocarriers Incorporating Nanodiamonds**

AUTHORS: Nuseibah AL Qtaish, Myriam Sainz-Ramos, Idoia Gallego, Ilia Villate-Beitia, Tania Belén López-Méndez, Cristina Soto-Sánchez, Gema Martínez-Navarrete, Eduardo Fernández, Patricia Gálvez-Martín, Gustavo Puras and José Luis Pedraz

ORGANIZATION: Hashemite University.

CITY: Zarqa, Jordan.

DATE: 25, April **2024**.

- **Colloidal dispersion of niosphingosine vesicles as an efficient non-viral vector for gene delivery to retina and brain**

دائرة الموارد البشرية
Human Resources Department

AUTHORS: Nuseibah AL Qtaish, Myriam Sainz-Ramos, Idoia Gallego, Ilia Villate-Beitia, Tania Belén López-Méndez, Cristina Soto-Sánchez, Gema Martínez-Navarrete, Eduardo Fernández, Patricia Gálvez-Martín, Gustavo Puras and José Luis Pedraz

ORGANIZATION: CRS 2021.

Virtual

DATE: 28, January 2021.

▪ **Nanodiamond-DOTMA complexes as effective non-viral vectors for gene therapy**

AUTHORS: Alejandro J. Paredes, Nuseibah AL Qtaish Hasan, Myriam Sainz-Ramos, Tania B LopezMendez, Ilia Villate-Beitia, Idoia Gallego, Gustavo Puras and Jose Luis Pedraz

ORGANIZATION: CRS 2020.

DATE: June 29 to 2 July, 2020.

▪ **Construction of new effective niosomes as helper lipid to perform efficient gene delivery system.**

AUTHOR: Nuseibah AL Qtaish

ORGANIZATION: Doctoriales transfronterizos UPPA-UPV/EHU.

CITY: Amaiera, France.

DATE: 21 to 24, October, 2019.

▪ **Cationic Niosomes as Non-Viral Vehicles for Nucleic Acids: Challenges and Opportunities in Gene Delivery.**

AUTHORS: M. Sainz-Ramos, N. AL Qtaish, I. Villate-Beitia, T.B.López-Méndez, I. Gallego, G. Puras, J.L. Pedraz.

ORGANIZATION: XIII CIBER-BBN Annual Conference.

CITY: Tarragona, Spain.

DATE: 21 to 22, October, 2019.

Books

- **Gene Therapy for Cystic Fibrosis: Hurdles to Overcome for Successful Clinical Translation**, Intechopen, November 2018, 79719. Myriam Sainz-Ramos, Nuseibah AL Qtaish, Idoia Gallego, Ilia Villate-Beitia, Tania López, Gustavo Puras and José Luis Pedraz.

INSTITUTIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS

- SPSS (July 2022)
- Digital Imaging in Microscopy - ImageJ/FIJI (July 2020)
- Microscopy Image Analysis Software - Imaris (April 2020)
- Cross-border doctorials UPPA-UPV/EHU (October 2019)
- Management of sanitary waste in the UPV/EHU (November 2018)
- Tools and information resources for PhD (February 2018)
- Ethics in university research (November 2017)
- Basic Course on Laboratory Safety (March 2015)

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Human Resources Department

RESEARCH LINK (Scopus and Google Scholar)

- <https://scholar.google.com/citations?user=YXhMHgMAAAAJ&hl=ar>

LANGUAGES

- English
- Spanish
- Arabic