

NUSEIBAH HASAN AL QTAISH



PERSONAL INFORMATION

Title : Dr

Academic Rank: Assistant Professor

Date & Place of Birth: July 25th 1989, Madaba

Nationality: Jordanian/Spanish

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ACADEMIC QUALIFICATIONS

Degree	Major	Duration (From-To)	University	Country
PhD	Pharmaceutical Technology	2018-2023	University of Basque region UPV/EHU	Spain
MSc	Molecular Biology and Biomedicine	2014-2015	University of Cantabria (UNICAN)	Spain
BSc	Pharmacy	2007-2013	Jordan university of science and technology (JUST)	Jordan

دائرة الموارد البشرية
Human Resources Department

TEACHING EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
10/2023- Present	Assistant Professor	Amman Arab University	Pharmacy	Jordan

OTHER EXPERIENCE

Duration	Rank	Institution	Department/Faculty	Country
2020 - 2022	Research Assistant	Cell Therapy Center	University of Jordan	Jordan
2017 - 2020	Pre-doctoral investigation	NanoBioCel	UPV/EHU	Spain
2014 - 2015	Pre-master investigation	IBBTEC	UNICAN	Spain

PUBLICATIONS

JOURNALS

Author/s (In Order)	Title	Journal	Vol./No.	Publication Date
-	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. Nanoplatfrom 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 Zárata, 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

Author/s (In Order)	Title	Conference	Country	Date
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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 niosphingosome vesicles as an efficient non-viral vector for gene delivery to retina and brain

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 Anual Conference.

CITY: Tarragona, Spain.

DATE: 21 to 22, October, **2019**.

BOOKS

Author/s (In Order)	Title	Publisher	Edition	Date
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- **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.

MEMBERSHIPS OF SCIENTIFIC AND PROFESSIONAL SOCIETIES

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

UNIVERSITY COMMITTEES

- **QUALITY ASSURANCE COMMITTEE**
- **SCIENTIFIC RESEARCH COMMITTEE**
- **DEVELOPMENT OF MEASURING THE EFFECTIVENESS OF ACADEMIC PROGRAMS COMMITTEE**
- **FIELD TRAINING COMMITTEE**
- **FACULTY MEMBER RECRUITMENT COMMITTEE**

WORKSHOPS ATTENDED

- SPSS, Jul 2022
- Digital Imaging in Microscopy - ImageJ/FIJI, Jul 2020
- Microscopy Image Analysis Software – Imaris, Apr 2020
- Cross-border doctorials uppa-upv/ehu, Oct 2019
- Management of sanitary waste in the UPV/EHU, Nov 2018
- Tools and information resources for PhD, Feb 2018
- Ethics in university research, Nov 2017
- Basic Course on Laboratory Safety, Mar 2015

WORKSHOPS OFFERED

- Hablamos Español.

RESEARCH INTERESTS

Gene Therapy

Gene delivery system

Cancer

LANGUAGES

English

Spanish

Arabic

OTHER ACTIVITIES

RESEARCH PARTNERSHIP

Short and long-term stability study of lyophilized niosomes and nioplexes for gene therapy, 2020-2021.

Cell Therapy Centre, University of Jordan.

Faculty of Pharmacy, University of Jordan.

AWARDS RECEIVED

Second prize for the best international article, **BIOARABA XXIII, 2022**. Title: Nanodiamond Integration into Niosomes as an Emerging and Efficient Gene Therapy. Nanoplatform for Central Nervous System Diseases.