



Muna A. Al-ni'mat C.V.



CURRICULUM VITAE

Muna Ahmad Al-ni'mat

March 2025



PERSONAL

Place of Birth Qatar
Date of Birth March 30, 1986
Marital Status Married
Nationality Jordanian
Work Address Department of Chemistry, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan. Phone: +962-3-2179000 Ext.:**6340**, E-mail: muna.a.alnimat@ahu.edu.jo, munaalnimat@gmail.com

Academic Rank (date) Assistant Professor (2021)
Permanent Address Basta-Ma'an, Jordan
E-mail: muna.a.alnimat@ahu.edu.jo

ACADEMIC QUALIFICATIONS

2015 - 2020 **Ph.D.**, Organic Chemistry-Nanotechnology, University of Santiago de Compostela, Spain
2009 - 2012 **M.Sc.**, Chemistry, Mu'tah University, Al-Karak, Jordan
2004 - 2008 **B.Sc.**, Chemistry, Al-Hussein Bin Talal University, Ma'an, Jordan

SPECIALTY

General Specialization: Chemistry
Specialization: Organic Chemistry-Nanotechnology

CAREER HISTORY

February 2021 -Present **Assistant Professor**, Department of Chemistry, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan.



Muna A. Al-ni'mat C.V.

- Oct. 2023- Oct. 2024 **Head of Chemistry Department**, Department of Chemistry / Al-Hussein Bin Talal University, Ma'an-Jordan
- July.2022-Oct.2022 **Head of Chemistry Department**, Department of Chemistry / Al-Hussein Bin Talal University, Ma'an-Jordan.
- Nov. 2008 – May 2018 **Laboratory Supervisor**, Department of Chemistry, College of Science, Al-Hussein Bin Talal University, Ma'an, Jordan
- Sep. 2008 – Nov. 2008 **Teacher of Chemistry**, Jordanian Ministry of Education, Ma'an-Jordan

ADMINISTRATIVE EXPERIENCE

- Oct. 2023-Oct. 2024 **Head of the Chemistry Department**, Department of Chemistry / Al-Hussein Bin Talal University, Ma'an-Jordan

HONORS, SCHOLARSHIPS, AWARDS AND GRANTS

- 2018 **Al-Hussein Bin Tala University Grant**
Grant from Al-Hussein Bin Talal University for studying PhD in Organic Chemistry-Nanotechnology at the University of Santiago de Compostela (Spain) 2018- 2020.
- Dec. 2023- Dec.2025 **Al-Hussein Bin Tala University Research Project Grant**
Project's title: "Synthesis of Novel Unsymmetrical Ferrocene-Azines For Electrochemical Sensors Application"



PROFESSIONAL MEMBERSHIPS AND SERVICES _____

Membership(s)

- N.A.

Service(s)

- N.A.

RESEARCH INTEREST _____

- Nanoparticles for drug delivery
- Synthesis, functionalization, and applications of dendrimers
- Encapsulation of drugs

PUBLICATIONS _____

Peer-reviewed journal articles

- N.A.

Books and book chapters

- N.A.

Patents

- N.A.

CONFERENCES AND PROCEEDINGS _____

- 3D Raman Imaging meets AFM and SEM, Santiago de Compostela, Spain, April 17th, 2018
- XII Spanish-Portuguese Conference on Controlled Drug Delivery, Coimbra, Portugal, January 14-16th, 2018.
- Workshop on advanced electron microscopy for Materials, Santiago de Compostela, Spain, October 30th, 2017.



- V Encontro da Mocidade Investigadora, Santiago de Compostela, (Spain) June 12-13th, 2017.
- 1^a Reunión Temática da Reda Galega de Nanomedicina “ Drug Delivery”, CIQUS. Universidade de Santiago de Compostela (Spain), June 9, 2017

TEACHING

Courses Taught-undergraduate

- General Chemistry (I) (Chem 101), Al-Hussein Bin Tala University, Ma'an, Jordan
- General Chemistry (II) (Chem 101), Al-Hussein Bin Tala University, Ma'an, Jordan
- General Chemistry Laboratory (Chem 103), Al-Hussein Bin Tala University, Ma'an, Jordan
- Organic Chemistry (I) (Chem231), Al-Hussein Bin Tala University, Ma'an, Jordan
- Organic Chemistry (II) (Chem232), Al-Hussein Bin Tala University, Ma'an, Jordan
- Organic Chemistry (III) (Chem233), Al-Hussein Bin Tala University, Ma'an, Jordan
- Laboratory of Organic Chemistry (I) (Chem233), Al-Hussein Bin Tala University, Ma'an, Jordan
- Laboratory of Organic Chemistry (II) (chem234), Al-Hussein Bin Tala University, Ma'an, Jordan
- Organic Chemistry for non-chemistry students (Chem 235), Al-Hussein Bin Tala University, Ma'an, Jordan
- Laboratory of Organic Chemistry for non-chemistry students (Chem 236), Al-Hussein Bin Talal University
- Chemistry and life (Chem 201), Al-Hussein Bin Tala University, Ma'an, Jordan

Courses Taught-postgraduate

- N.A.



SKILLS

Languages

- Arabic (native)
- English (excellent)
- Spanish (Basic)

Computer Programs

- ICDL
- Spectra Manager™ II, spectroscopy software, University of Santiago de Compostela
- ChemDraw.
- Zetasizer software.

MEMBERSHIP IN M.SC. THESIS EXAMINATION COMMITTEES _____

1- Waad Mahmoud Al-Tawara

Thesis title: “Effective Removal of Tetracycline from Aqueous Solution using Calix [4] arene-Based Adsorbent: Isotherm, Thermodynamic and Kinetic Studies”.

Department of Chemistry, Mu'tah University, Jordan, **August 2023**.

2- Hind Hussien Al-Najadat

Thesis title: “Three Dimensional Supramolecular Behavior, Bioactivity, and Adsorptive Ability of Cyano-Functionalized Cakix [4] resorcinarene, Department of Chemistry, Mu'tah University, Jordan, **August 2023**.”

3- Heba Khaled Astatieh

Thesis title “Removal of Methylene Blue from Aqueous Solutions Using Jordanian Modified Kaolinite”. Department of Chemistry and Chemical Technology, Tafila Technical University, Jordan, **August 2023**