CURRICULUM VITAE

Muna Ahmad Al-ni'mat

October 2026



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, Mutah 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	**Full-time Lecturer,** Department of Chemistry**,** College of Science**,** Al-Hussein Bin Talal University, Ma'an, Jordan.
June-2021- Present	**Assistant Professor,** Department of Chemistry**,** College of Science**,** Al-Hussein Bin Talal University, Ma'an, Jordan.

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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

Nov. 2024-Nov.2026	**Chair, Investigation Committee for Female Student Residence Affairs,** Al-Hussein Bin Talal University, Ma'an, Jordan
Oct. 2023-Oct. 2024	**Head of the Chemistry Department**, Department of Chemistry / Al-Hussein Bin Talal University, Ma'an-Jordan
July.2022-Oct.2022	**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

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

PUBLICATIONS

Peer-reviewed journal articles

- **Al-nimat, M. A.**, Al-Zeidaneen, E. A., Atrooz, O. M., & Atrooz, A. O. (2026). Evaluation of chemical composition and biological activity of bee pollen. *International Journal of Aquatic Research and Environmental Studies*, 6(S1), 1101–1106. *https://doi.org/10.70102/IJARES/V6S5/6-S5-1338*

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, Octobre 30th, 2017.
- V Encontro da Mocidade Investigadora, Santiago de Compostela, (Spain) June 12-13th, 2017.
- 1ª 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**