

CURRICULUM VITAE

Full name: Amani Abdelrahman Jaffal Alhadid

Department/Faculty: Faculty of Pharmacy, Dept. of Pharmacy
University, City, Jordan: Al-Zaytoonah University of Jordan,
Amman, Jordan.

Phone: Number/s: Office: +962-6-4291511 Ext. 293

Mobile: +962795637462

Fax: Number/s: -

E-mail: amani.alhadid@zuj.edu.jo

amani_fe@hotmail.com

Homepage: <http://www.zuj.edu.jo/portal/emp-2796/>



1. Personal Data

Date of Birth: 10th. June. 1981

Nationality: Jordanian

2. Education

- PhD in **Biological Sciences / Biochemistry**, 2008-2016, Faculty of Science - Dept. of Biological Sciences - University of Jordan, Amman – Jordan.
- Diploma in **Molecular Biotechnologies**, 2016, Molecular Genetics Center – Specialty Hospital Training & Research Center– Accredited by Al-Isra University.
- MSc. in **Nutrition and Food Technology - Clinical Nutrition & Dietitics**, 2003-2006, Faculty of Agriculture – Dept. of Nutrition and Food Technology - University of Jordan, Amman - Jordan.
- BSc. in **Nutrition and Food Technology – Clinical Nutrition & Dietitics**, 1999-2003, Faculty of Agriculture – Dept. of Nutrition and Food Technology - University of Jordan, Amman – Jordan.



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3. Ph.D. Dissertation

"The Role of Putative Anti-glycating Agents in Inhibiting the Formation of Advanced Glycation End-products (AGEs)", Faculty of Science - Dept. of Biological Sciences - University of Jordan, Amman – Jordan.

4. Employment

Academic Positions

Assistant Professor, Dept. of Pharmacy, Faculty of Pharmacy, Al-Zaytoonah University of Jordan, Amman – Jordan, 2016 – present.

Administrative Positions

None.

5. Research Interests

- Glycemic control
- Anti-glycation
- Bioactivity of natural and synthetic compounds

6. Membership in Scientific Societies and Associations

1. The Jordanian Association of Agricultural Engineers (**JAAE**).
2. Middle East Molecular Biology Sources (**MEMBS**) – Dubai – UAE.
3. Jordanian Society of Food and Nutrition (**JSFN**).
4. The Jordanian Society for the Care of Diabetes (**JSCD**).
5. Jerusalem Cultural Forum (**JCF**) – Amman – Jordan.

7. Honors and Awards

Fulbright award: **Fulbright Junior Faculty Development Program (JFDP)** – May, 2020.

8. Fellowships and Scholarships

None.



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9. Teaching Experience

- *Graduate Courses*

None

- *Undergraduate Courses*

- Pharmaceutical Biochemistry, 0201313
- Biochemistry for Nursing, 0201163
- Clinical Biochemistry, 0201413
- Clinical Nutrition, 0201552
- Clinical Biostatistics, 0201554
- Laboratory of Pharmaceutical Biochemistry, 0201314

10. Supervision of Graduate Research

None.

11. Grants

The Deanship of Scientific Research – Al-Zaytoonah University of Jordan.

Project title: **Design and Development of an Enzyme-Based Closed Loop System for Controlling Glycemia**

Project no.: **2019-2018/18/11**

Grant amount: **28.382 JD.**

12. Patents

None.

13. Membership of Committees

- **National and International**

None

- **University**

- Equivalency and Guidance Committee
- Alumni Follow-up committee



14. Professional and Scientific Meetings

Scientific Meetings Organized

- **Diabetes Awareness Day**, organized by The Jordanian Society for the Care of Diabetes and hosted by The American University of Madaba (AUM), November, 26th, 2019.
- Al-Zaytoonah University of Jordan and the University of Toledo International Pharmaceutical Conference **ZTIPC** – November - 2019.
- **Smart Food – Functional Food Third Conference** – The Jordanian Association of Agricultural Engineers (JAAE) - December – 2019.

Participation in Scientific meetings

- **JPSA's Second National Symposium**, September, 2020, “FDA-approved anti-obesity drugs”, *Speaker*.
- International Diabetes Federation Congress, **IDF MENA Congress**, April, 2019, Amman, Jordan.
- **The 5th Middle East Molecular Biology Congress and Exhibition**, October, 2018 – The Dead Sea, Jordan, *Attendee*
- **The 5th Congress of the Jordanian Society of Endocrinology, Diabetes & Metabolism (JSED)**, May, 2017, Amman- Jordan, *Attendee*.
- **Autism One Conference**, 21-25/5/2008, Rosemont, Illinois, U.S.A: *Attendee*.
- **The Jordanian Conference on Nutrition**, 28-29/4/2010, Amman- Jordan, *Speaker*: Nutritional Implications in Autism Spectrum disorders.
- **The Third and Fourth International Jordanian Congress of Allergy and Immunology**, 2010 + 2012, Amman- Jordan, *Attendee*.
- **The Fourth Arabic Conference on Nutrition**, 5-7/4/2011, Amman- Jordan: *Attendee*.
- *Others*.



15. Participation in or organization of curricular and/or extra-curricular activities

- **How to use “Web of Science” platform?** – a Webinar - Clarivate Analytics Company - Oct.6th.2020 - *Attendee*.
- **Logic Principles – introductory to the logical thinking** – a voluntary lecture for a cultural center (Jerusalem Cultural Center) – November, 2020.
- **Hypoglycemia** – a voluntary lecture for children with diabetes - The Jordanian Society for the Care of Diabetes (JSCD) – July, 2020.
- **Processed Foods and their Health Hazards** – a voluntary lecture for mothers – September, 2020.
- 4 CPEUs workshop **“Sports Nutrition”** accredited by the Academy of Nutrition and Dietetics – 2019.
- 12-hr workshop **"Scientific Research, from ideation to publication"**, September, 2018 – Phi Science Institute – Amman – Jordan.
- 2-hr workshop in **"Scientific Research & Methodology for Undergrad. Students"**, a lecturer, November, 2017, Al-Zaytoonah University of Jordan.
- 4 CPEUs workshop **“Nutrition and Diabetes Complications”** accredited by the Academy of Nutrition and Dietetics – 2016.
- 4 CPEUs workshop **“Weight management: Nutritional Intervention”** accredited by the Academy of Nutrition and Dietetics – 2017.
- 20-hr course in **"Case studies in Nutrition Medical Therapy of Chronic Diseases using NCP approach"** – 2017.
- 6-hr workshop, **“A Scientific Approach to Deal with Science”**, given to a group of interested students from different disciplines, October -2019.
- 2-hr workshop, **“How to simplify science?!”**, Anthar institute for intellectual studies – September, 2019.
- 2-hr workshop, **"Scientific Research & Methodology for Undergraduate Students"**, November, 2017, Al-Zaytoonah University of Jordan.
- 25-hr course, **“Scientific Research Methodology”**, given periodically to groups of students intending to be enrolled in advanced educational programs in different disciplines, 3 courses have been given between 2013 – 2019.
- 2-hr session, **“Dietary Management for Autism”**, nutritional counseling sessions given for mothers of children with autism, held in different specialized centers for autism between the years 2004 - 2011.



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- 1-2 hr session, “**How to deal with diabetes, a personal and professional perspective**”, voluntary interactive sessions given to individuals with diabetes since 2006 – present.
- *Others.*

Supervising students’ participation in scientific competitions:

- “Glucose Binding System Using Cystamine-Coated Gold Nanoparticles” – Research proposal submitted to **Phi Research and Innovation Summit Competition – 2017** – Participating students: Rami Ammourah, Khaled Juma’, Mohammd-Saleem As-sbbagh. Supervisor: Dr. Amani Alhadid & Dr. Nof Mahmoud. (*the project has been placed among the ten finalists in the competition*).
- “Analysis of blood pressure, pulse amplitude & frequency using vibration & force sensors” - Research proposal submitted to **Phi Research and Innovation Summit Competition– 2017** – Participating students: Rami Ammourah, Khaled Juma’, Mohammd-Saleem As-sbbagh. Supervisors: Dr. Amani Alhadid & Dr. Ahmad Manasrah. (*the project has been placed among the ten finalists in the competition*).
- “Glucose - binding capacity of compounds with high affinity to aldehydes” – a proposal submitted to **King Abdullah II Fund for Development (KAJD) competition – 2018**. Participating students: Farah Emad, Rasha Daás, Al-Yaman Al-Amleh. Supervisor: Dr. Amani Alhadid.
- Using Glucose – Metabolizing Enzymes as Glucose Scavengers – A proposal submitted to **Falling Walls Labs Competition – Germany - 2018**. Participating students: Khaled Juma’ and Rami Ammourah. Supervisor: Dr. Amani Alhadid.

Supervising non-academic students’ activities:

- Organizing and supervising a “**medical counselling booth**” presented by seven pharmacy faculty students, at **the Arab Council for Training Students of Arab Universities – 2018**. The counselling services included blood glucose testing, blood pressure testing, body weight and BMI calculations, distributing a bulletin about “Common examples of drug misuse”.
- “**Dual Thera: A combined therapeutic- based software for both health practitioners and patients**” – project proposal submitted to **The Technology Incubator – JUST University – 2018**. Participating student: Khaled Juma’, Supervisor: Dr. Amani Alhadid. (*Has been approved but not funded due to shortage of financial resources*).



16. Publications

- Rula Al-Shahrabi, Violet Kasabri, Yusuf Al-Hiari, Shereen Arabiyat, Rabab Al Bashiti, Sundus Alalawi & **Amani Alhadid** (2020). Functionalised Flouroquinolones as a Potentially Novel Class of Anti-inflammatory and Anti-glycation Compounds; Synthesis and Pharmacological Appraisal, *Analytical Chemistry Letters*, 10:3, 280-297, DOI: [10.1080/22297928.2020.1777196](https://doi.org/10.1080/22297928.2020.1777196).
- **Alhadid, A.** and Ahmad, N. Dietary Practices and Nutritional Status and Their Relation to Symptom Severity of a Group of Autistic Subjects in Jordan – Arab Journal of Food and Nutrition, 2008; 9(19): 63-90.
- Al-Hadid, K., Abu-Irmaileh, B., Sharab, A., **Alhadid, A.** Phytochemical Analysis of Acacia cyanophylla, Eucalyptus camaldulensis, and Pistacia atlantica Ethanolic Extracts Revealed Candidate Compounds to Cure Breast Cancer. *SUBMITTED*
- **Alhadid, Amani**, Abdalla, Shtawy and Bustanji, Yasser. Vanillic acid inhibits induced glycation *in vitro*, *ex vivo* and *in vivo* experimental models. *Ready-to-submit manuscript*.

Three ongoing research projects:

1. "Design and development of an enzyme – based closed loop system for controlling glycemia", **Alhadid, Amani**, Sunoqrot, Suhair and Manasrah, Ahmad. A research project funded by the Deanship of the Scientific Research and Graduate Studies – ZUJ – April, 2019 – *Principal Investigator*.
2. "Glucose – binding affinity of selected synthetic amino compounds with potential hypoglycemic effect", **Alhadid, Amani** and Ali, Jamilah Isabella.
3. "The Synergistic effect of cholecalciferol and quercetin drug delivery formula". Hamed, Rania and **Alhadid, Amani**.

My part involves investigating the formula bioactivity including the anti-proliferative, anti-oxidative and anti-inflammatory activities.