

## CURRICULUM VITAE

*Faculty of Pharmacy/Department of Pharmacy,  
Al-Zaytoonah University of Jordan, Amman, Jordan*

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### 1. Personal Data

Date of Birth: 12<sup>th</sup> of September. 1987

Nationality: Jordanian

### 2. Education

- Ph.D. (Biological Sciences / Biochemistry) 2021, University of Jordan, Amman, Jordan.
- M.Sc. (Biological Sciences) 2012, University of Jordan, Amman, Jordan.
- B.Sc. (Biological Sciences) 2009, University of Jordan, Amman, Jordan.

### 3. Ph.D. Dissertation

*“Quantification of Total Phenolic, Total Flavonoid Contents, and Assessment of Antioxidant Capacity, Proliferative, and Apoptotic Activities of Essential Oils Extracted from the Aerial Parts of Calamintha incana (Sm.) Helder (Lamiaceae), and Ruta chalepensis L. (Rutaceae)”*, University of Jordan, Amman, Jordan.



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#### 4. Employment

##### Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan  
September 19, 2021 – now.
- Lab supervisor, Faculty of Medicine, University of Jordan, Amman, Jordan  
July 2013-April 2019.
- Teaching assistant, Faculty of Sciences, Department of Biological Sciences, University of Jordan, Amman, Jordan.  
September 2009-March 2012.

##### Administrative Positions

- Not Applicable

#### 5. Research Interests

- Anticancer, antioxidant, and antidiabetic activities of medicinal plants

#### 6. Membership in Scientific Societies and Associations

- Not Applicable

#### 7. Honors and Awards

- First Class Honors Award. The University of Jordan, Amman. Jordan, 2009.

#### 8. Fellowships and Scholarships

- MSc scholarship, The University of Jordan, (2010-2012).

#### 9. Teaching Experience

- *Graduate Courses*
  - None
- *Undergraduate Courses*
  - Pharmaceutical Biochemistry
  - General Biology
  - Clinical Biochemistry



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**10. Supervision of Graduate Research**

- Not Applicable

**11. Grants**

- Not Applicable

**12. Patents**

- Not Applicable

**13. Membership of Committees**

- **National and International**
  - Not Applicable
- **University**
  - *The Curriculum Committee at the School of Pharmacy, Al-Zaytoonah University of Jordan. (2021 – Present).*
  - *Curriculum and learning resources Committee at the School of Pharmacy, Al-Zaytoonah University of Jordan. (2021 – Present).*

**14. Professional and Scientific Meetings*****Scientific Meetings Organized***

-Not Applicable

***Participation in Scientific meetings***

- Al-Zaytoonah 8<sup>th</sup> International Pharmaceutical Conference (ZTIPC 2022). Amman 18-19 Oct 2022.

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

- Not Applicable

**16. Publications**

Papers in refereed journals

- **Althaher AR.** *In vitro* Assessment of Cytotoxic Potential of *Ajuga orientalis* L. Methanolic Extract on MCF-7 and MRC-5 cells. Trop J Nat Prod Res. 2022; 6(9):1411-1413
- Oran, S. A., **Althaher, A. R.**, & Al Shhab, M. A. (2022). Chemical composition, *in vitro* assessment of antioxidant properties and cytotoxicity activity of ethanolic and aqueous extracts of *Ajuga orientalis* L. (Lamiaceae). Journal of Pharmacy & Pharmacognosy Research, 10(3), 486-495.



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- **Althaher, A. R.**, Oran, S. A., & Bustanji, Y. K. (2022). *Induction of apoptosis by Ruta chalepensis L. essential oil in human breast cancer cells (MCF-7)*. Journal of Pharmacy & Pharmacognosy Research, 10(1), 2022, 73-83.
- **Althaher AR**, Oran SA, Bustanji YK. *Chemical Composition, In vitro Evaluation of Antioxidant Properties and Cytotoxic Activity of the Essential Oil from Calamintha incana (Sm.) Helder (Lamiaceae)*. Trop J Nat Prod Res. 5(8), 2021, 1333-1339.
- **Althaher, A. R.**, Oran, S. A., & Bustanji, Y. K. *Phytochemical Analysis, In vitro Assessment of Antioxidant Properties and Cytotoxic Potential of Ruta chalepensis L. Essential Oil*. Journal of Essential Oil Bearing Plants, 23(6), 2020, 1409-1421.
- Al-Khateeb, E., **Althaher, A.**, Al-Khateeb, M., Al-Musawi, H., Azzouqah, O., Al-Shweiki, S., & Shafagoj, Y. *Relation between uric acid and Alzheimer's disease in elderly Jordanians*. Journal of Alzheimer's Disease, 44(3), 2015, 859-865.

#### Books and Book Chapters

- Oran, S. A., **Althaher, A. R.**, & Mubarak, M. S. (2022). *Cinchona officinalis* (Cinchona Tree) and *Corylus avellana* (Common Hazel). In Herbs, Shrubs, and Trees of Potential Medicinal Benefits (pp. 377-394). CRC Press.