



CURRICULUM VITAE

Alaa Mahmoud Ahmad Hammad

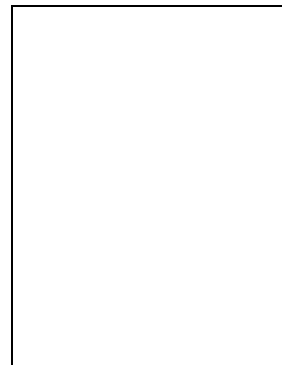
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1. Personal Data

Date of Birth: 4th of March, 1984
Nationality: Jordanian

2. Education

- Ph.D. (Experimental Therapeutics) 2014, University of Toledo, Ohio, USA
- M.Sc. (Pharmaceutical Sciences, Pharmacology track) 2011, Albany College of pharmacy and health sciences, New York, USA
- B.Sc. (Pharmacy) 2007, Jordan University, Amman, Jordan

3. Ph.D. Dissertation

The role of Glutamate Transporter 1 and Cystine-glutamate exchanger in cocaine and ethanol co-abuse: Potential therapeutic targets, University of Toledo, Ohio, USA.



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4. Employment

Academic Positions

- Assistant Professor, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
December 15, 2017 – now
- Teacher, Department of Pharmacy, Al-Zaytoonah University of Jordan, Amman, Jordan
February 10, 2012 – August 10, 2014

Administrative Positions

- Not Applicable

5. Research Interests

- Finding potential therapeutic targets for drugs of abuse.

6. Membership in Scientific Societies and Associations

- Jordan Pharmacists Association

7. Honors and Awards

- Not Applicable

8. Fellowships and Scholarships

- PhD Scholarship from Al-Zaytoonah University of Jordan (2014 - 2017).

9. Teaching Experience

- *Graduate Courses*

1. Advanced Pathophysiology for nursing

- *Undergraduate Courses*

1. Physiology 1
2. Pathophysiology
3. Clinical Pharmacy and Therapeutics 1
4. Clinical Pharmacy and Therapeutics 2
5. Clinical Pharmacy Lab-1- (Clinical Cases)



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6. Clinical Pharmacy Lab-2- (hospital)
7. Anatomy Laboratory
8. Pathophysiology Laboratory
9. Pharmacology Laboratory
10. General Chemistry Laboratory
11. Pharmacy Practice II

10. Supervision of Graduate Research

- Not Applicable

11. Grants

- Not Applicable

12. Patents

- Not Applicable

13. Membership of Committees

- **National and International:**
 - *National committee for the establishment of an incubator for scientific research*
 - *Member of American Society for Pharmacology and Experimental Therapeutics (ASPET).*
 - *Member of Society of Neuroscience (SFN).*
- **University:**
 - *The ACPE Steering Committee, a Faculty committee.*
 - *The curriculum Equivalence, Student Guidance and Training and graduate Follow - up Committee (Chair).*
 - *The discipline Committee (member).*

14. Professional and Scientific Meetings

Scientific Meetings Organized

- Not Applicable



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Participation in Scientific meetings

- American Society for Pharmacology and Experimental Therapeutic (*ASPET*), April , 2017.

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

- University's 10th Career Day on 24th of April, 2018.
- Career Day for 5th year students in March, 2018, in Al-Zaytoonah University of Jordan campus.
- Several Alumni and medical days and public lectures and presentations held in Al-Zaytoonah University of Jordan campus.

16. Publications

- Papers in refereed journals:
 1. Althobaiti YS, Alshehri FS, Hakami AY, **Hammad AM**, Sari Y. Effects of Clavulanic Acid Treatment on Reinstatement to Methamphetamine, Glial Glutamate Transporters, and mGluR 2/3 Expression in P Rats Exposed to Ethanol (J Mol Neurosci., November 2018 Nov 23., <https://doi.org/10.1007/s12031-018-1194-z>).
 2. **Hammad AM**, Alasmari F, Sari Y, Scott Hall F, Tiwari AK, Alcohol and Cocaine Exposure Modulates ABCB1 and ABCG2 Transporters in Male Alcohol-Preferring Rats (Mol Neurobiol. 2018 Jul 6. doi: 10.1007/s12035-018-1153-2.)
 3. Alasmari F, Bell RL, Rao PSS, **Hammad AM**, Sari Y. Peri-adolescent drinking of ethanol and/or nicotine modulates astroglial glutamate transporters and metabotropic glutamate receptor-1 in female alcohol-preferring rats (Pharmacol Biochem Behav. 2018 Jul;170:44-55. doi: 10.1016/j.pbb.2018.05.006)
 4. **Alaa M. Hammad**, Fawaz Alasmari, Yusuf Althobaiti, Youssef Sari Modulatory effects of Ampicillin/Sulbactam on glial glutamate transporters and metabotropic glutamate receptor 1 as well as reinstatement to cocaine seeking behavior (Behavioral Brain Research, August 2017, Volume 332:288-298).
 5. **Alaa M. Hammad**, Yusuf Althobaiti, Sujana Das, Youssef Sari Effects of repeated cocaine exposure and withdrawal on voluntary ethanol drinking, and the expression of glial glutamate transporters in mesocorticolimbic



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system of P rats (Molecular and Cellular Neuroscience, April 2017, Volume 82, 58-65)

6. Alqassem Y. Hakami, **Alaa M. Hammad**, Youssef Sari Effects of Amoxicillin and Augmentin on Cytine-Glutamate Exchanger and Glutamate Transporter 1 Isoforms as well as Ethanol Intake in Alcohol-preferring rats Frontiers in Behavioral Neuroscience, April 2016|Volume10|Article171.

a. Books and Book Chapters:

- i. Not Applicable

b. Conference Presentations:

- Hass, Martha A.; Carreno, Joseph; **Hammad, Alaa**. Synthesis and Antioxidant Activity of Mutual Prodrugs Derived from Tocopherol and Lipoic Acid American Association of Pharmaceutical Scientists, Annual Meeting, November 14-18, 2010, New Orleans, LA
- **Alaa M. Hammad**, Fawaz Alasmari, Yusuf Althobaiti, Youssef Sari Modulatory effects of Ampicillin/Sulbactam on glial glutamate transporters and metabotropic glutamate receptor 1 as well as reinstatement to cocaine seeking behavior. SFN, November 2017.
- Fawaz Alasmari, Richard L. Bell, **Alaa M. Hammad**, Youssef Sari Effects of multiple scheduled drinking of nicotine and/or ethanol on glial glutamate transporters and metabotropic glutamate receptor-1 in female alcohol-preferring rats, SFN, November 2017.
- Yusuf Althobaiti, Fahad Alshehri, Alqassem Hakami , **Alaa M. Hammad**, Youssef Sari Methamphetamine, glutamatergic transporters, conditioned place preference, mGluR2/3, clavulanic acid, SFN, November 2017.

• Reports

- i. Not Applicable