

CURRICULUM VITAE

Full name

Samah Abbas Saleh Ata

Pharmacy Department/Faculty of pharmacy,

Al Zaytoonah University of Jordan , Amman, Jordan

Phone:0096264291511

Fax:0096264291432

E-mail: Samah.ata@zuj.edu.jo

Homepage: academic portal:

<http://www.zuj.edu.jo/portal/samah-ata/>



1. Personal Data

- Date of Birth: September 15, 1974
- Place of Birth: Kuwait
- Nationality: Jordanian
- Marital status: Single

2. Education

- Ph.D. in Chemistry (Bioinorganic/Analytical), (2010) University of Jordan -Faculty of Science / Chemistry Department Amman, Jordan
- Master degree in Chemistry (Physical Chemistry), (2001) Jordan University of Science and Technology, Department of Applied Chemistry/Faculty of Science. Irbid, Jordan
- Bachelor degree in Chemistry (Major Chemistry , Minor Biology) 1996, Yarmouk University, the Department of Chemistry/ Faculty of Science. Irbid, Jordan

3. Ph.D. Dissertation

Dissertation Title: *Investigation of Reversing Adverse Biochemical Effects of Lead Poisoning by N,N`- Bis [(1,2-didehydro-1-hydroxy- 2-thioxopyrid-4-yl)-carbonyl] -L-Lysine* University of Jordan -Faculty of Science / Chemistry Department Amman, Jordan



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4. **Employment**

Academic Positions

- Assistant Professor, Pharmacy Department, Al Zaytoonah University of Jordan,, sept/2011- now

Administrative Positions

[Not Applicable]

5. **Research Interests:**

- Developing new analytical methods for determination of trace toxic metals in biological systems
- Trace metal analysis and metal toxicity
- Synthesis of new compounds used for chelation therapy

6. **Membership in Scientific Societies and Associations:**

- Member in Jordanian Chemical Society -Jordan

7. **Honors and Awards:** [Not Applicable]

8. **Fellowships and Scholarships** [Not Applicable]

9. **Teaching Experience**

- ***Graduate Courses:*** [Not Applicable]
- ***Undergraduate Courses***
 - General Chemistry,
 - General Chemistry Lab,
 - Physical Pharmacy,
 - Pharmaceutical Analytical Chemistry,
 - Pharmaceutical Analytical Chemistry lab,
 - Pharmaceutical Instrumental Analysis,
 - Pharmaceutical Instrumental Analysis Lab.



10. Supervision of Graduate Research

In vitro characterization of model drugs (Aspirin and Candesartan Clexetile): Comparison between simulated physiologic conditions and pharmacopeial requirements, co advisor; graduate student: Rana Hassan Sejare (2019)

11. Grants

Synthesis of new derivatives of 1-hydroxy-2-pyridinethione and investigation of their efficacy and reversing the biochemical adverse effect of cadmium and lead poisoning in intoxicated pregnant and nonpregnant female animals, 2014, Al-Zytoonah University of Jordan, 84097.360 JD

12. Patents

"1-hydroxy-2-thioxopyrid-4-carboxylic acid derivatives of amine, amino acids and amino acid ester, a process for their preparation and their potential utilization as drug for the chelation therapy of lead and other heavy metals from biological system", Kamal Abu-Dari, Amman, Jordan; Maha F. Tutunji, Amman, Jordan; Manal Al Khabbas, Amman, Jordan ; **Samah A. Ata**, Amman, Jordan, University of Jordan (pending for approval)

13. Membership of Committees

- **National and International**
 - Member in Jordanian Chemical Society -Jordan
- **University:**
 - 2019/2020 member in scientific research committee/ domain: faculty
 - 2019-2020 member in Cultural, social and sports activities Safety, Environment and Community Services, a department committee
 - 2018/2020 member of ACPE committee for preparing the ACPE reports for certificate



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- 2018-2019 Chair of Cultural, social and sports activities Safety, Environment and Community Services, a department committee
- 2016/2017: member of Quality Assurance committee for preparing the QA reports for national QA certificate in Higher Education
- 2014/2015- 2015/2016: Member of Safety, environmental and community services , University Committee
- 2014/2015- 2017/2018 Chairman of Computing and e-learning committee, Faculty of Pharmacy Committee
- 2014/2015 Chairman of Safety, environmental and community services, Faculty of Pharmacy Committee
- 2012/2013 and 2015/2016 member of Quality Assurance committee, Faculty of Pharmacy Committee
- 2014/2014: member of Equivalency and Guidance Department of Pharmacy Committee
- 2011/2012: member of Evaluation committee Department of Pharmacy committee
- 5th may 2018 , one day workshop, ACPE International Services Program/ Schedule for Pre-Application Consultation (PAC)
- 18th -20th June 2017, Test construction and analysis of the results (12 hours training course) , Accreditation and quality Assurance office - Al Zaytoonah University of Jordan
- 27th -April 2017, Proposal planning and writing workshop (one day training course) , Association of Jordan women academics with cooperation with MEPI
- 2015-2018 Reviewer for Jordan Journal Pharmaceutical Sciences (JJPS)

14. Professional and Scientific Meetings

Scientific Meetings Organized

- [Not Applicable]



Participation in Scientific meetings

- The 16th Jordanian chemistry conference (JCC16th), 10/10/2019
- J of Pharm Pharmacogn Res 7(Suppl. 1), (October) 2019, Seventh International Pharmaceutical Conference (ZTIPC 2019) Conference Proceedings, Method development and validation of UV-spectrophotometric method for the assay of acetyl salicylic acid tablet in different matrices for testing the dissolution rate , Samah A. Ata, Rana H. Sejare and Ola A. Tarawneh
- Al Zytoonah University International Pharmaceutical Conference (ZTIPC 2019), November 6-7, 2019, poster, Abstract book, Method development and validation of UV-spectrophotometric method for the assay of acetyl salicylic acid tablet in different matrices for testing the dissolution rate, Samah A. Ata, Rana H. Sejare and Ola A. Tarawneh
- J of Pharm Pharmacogn Res 7(Suppl. 1), (October) 2019, Seventh International Pharmaceutical Conference (ZTIPC 2019) Conference Proceedings, Effect of physiological conditions on candesartan cilexetil release , Ola Tarawneh, Rana Sejare, Samah Ata
- Al Zytoonah University International Pharmaceutical Conference (ZTIPC 2019), November 6-7, 2019, poster, Effect of physiological conditions on candesartan cilexetil release , Ola Tarawneh, Rana Sejare, Samah Ata
- Ligand Recognition and Molecular Gating. Gordon Research Conference, March 4-9, 2018, Ventura Beach Marriott, Ventura, CA. Synthesis of Novel Benzimidazole-2-Carboxamide and Imidazoles-5-Carboxamide Derivatives and In Vivo Antihyperlipidemic Activity Evaluation. Ghassan Abu Sheikha, Haneen AbuZaid, Hanin Kalloush, Suhair Hikmat, Lama Hamadneh, Samah Ata, Dima Sabbah, Majdi Bkhaitan, Reema Abu Khalaf, Ghassan Shattat, Tariq Al-Qirim, Kamal Sweidan, and Yusuf Al-Hiari.



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- Al Zytoonah University International Pharmaceutical Conference (ZTIPC 2017), attendance
- Al Zytoonah University International Pharmaceutical Conference (ZTIPC 2015), attendance
- Al Zytoonah University International Pharmaceutical Conference (ZTIPC 2012), attendance
- "N,N'-Bis[(1,2-didehydro-1-hydroxy-2-thioxopyrid-4-yl)-carbonyl]-L-Lysine(HTPL), A Potential drug for the chelation therapy of lead poisoning", Kamal I. Abu-Dari, Maha F. Tutunji, Samah A. Ata, Manal Khabbas. 11th Euroasia Conference on Chemical Science (Dead Sea-Jordan 2010) Abstract Book , p 50.
- "Efficacy of a novel compound for reversing adverse biochemical effects in subchronic and acute lead intoxicated Wistar male rats", Samah A. Ata, Kamal I. Abu-Dari and Maha F. Tutunji. 11th Euroasia Conference on Chemical Science (Dead Sea-Jordan 2010) Abstract Book, p52.
- "Photostability Study of Ciprofloxacin with Cyclodextrins", Nathir A. F. Al-Rawashdeh, Khaled Q. Shawakfeh, Samah A. Ata, Pure and Applied Chemistry Conference 2008 (PACCON 2008) Proceeding, Bangkok, Thailand, 2008, 416-421.

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

Training:

- 5th may 2018, One day workshop, ACPE International Services Program/ Schedule for Pre-Application Consultation (PAC)
- 18th -20th June 2017, Test construction and analysis of the results (12 hours training course) , Accreditation and quality Assurance office - Al Zaytoonah University of Jordan
- 27th -April 2017, Proposal planning and writing workshop (one day training course) , Association of Jordan women academics with cooperation with MEPI



16. Publications

- **Ata, S.A**, Abu-Dari, K.I and Tutunji M. F. **2018**. Reversing the adverse biochemical effects in lead-intoxicated rats by N,N'- bis[(1,2-didehydro-1-hydroxy-2-thioxopyrid-4-yl)-carbonyl]- L-lysine, Journal of trace element in medicine and biology. 50, 93-99.
- Al Khabbas, M.H., **Ata, S.A.**, Abu-Dari, K.I., Tutunji M. F., Mubarak, M. S. 2017. 1-Hydroxy-2-pyridinethiones; synthesis, lead complexes and their efficacy in the treatment of lead poisoning. Journal of trace element in medicine and biology. 44, 209-217.
- Jasima Suhair H, Abu Sheikhaa Ghassan M., Abuzaida Haneen M., Al-Qirim Tariq M. , Shattat, Ghassan F., Sabbah Dima A. , **Ata, Samah A.**, Abouma, Mustafa S. r, , Kamal A. n, Bkhaitn Majdi M. 2018, Synthesis and in vivo lipid-lowering activity of novel imidazoles-5-carboxamide derivatives in Triton-WR-1339-induced hyperlipidemic Wistar rats, Chem.pharma, Bull, 66, 953-958
Err 66(12)
- Ola A. Tarawneh a, Atif M Madi, Rania Hamed, Rania Qirem, Walid Qerem, Ala Alhusban, Suhair Sunoqrot, Nouf Mahmoud, **Samah Ata**, Iyad Alsheikha. In-vitro Characterization and Evaluation of Commercialized Paracetamol Products in Jordan. Dissolution technologies.(2019), Feb 36-44
- Ala Alhusban, **Samah Ata** and Sawsan Shraim.. Toxic metals safety assessment in infant's herbal remedies in Jordanian market. Biological Trace Element Research. (2019), 187:307-315
- Samah A. Ata, Ola A. Tarawneh, Rana H. Sejare, Suhair Z. Sunoqrot, and Rania A. Al-Qirim. Impact of Solvent Selection and Absorptivity on Dissolution Testing of Acetylsalicylic Acid Enteric-coated Tablets, Dissolution Technologies accepted on Aug 31, 2020

Books and Book Chapters:

- o Not Applicable

Reports

- o Not Applicable