

## 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](mailto: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
- Synthesis of new compounds used for chelation therapy

#### 6. **Membership in Scientific Societies and Associations:** [Not Applicable]

#### 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**

[Not Applicable]



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## 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**

[Not Applicable]

- **University:**

- 2018- member of ACPE committee for preparing the ACPE reports for certificate
- 2018- 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



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- 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

#### 14. Professional and Scientific Meetings

##### *Scientific Meetings Organized*

- [Not Applicable]

##### *Participation in Scientific meetings*

- 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.
- 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",



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Kamal I. Abu-Dari, Maha F. Tutunji, Samah A. Ata, Manal Khabbas. 11th Euroasia Conferance 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 Conferance 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**

[Not Applicable]

#### **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



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- Ola A. Tarawneh a, Atif M Madi, Rania Hamed, Rania Qirem, Walid Qerem, Ala Alhusban, Suhair Sunoqrot, Nouf Mahmoud, Samah Ata, Iyad Alsheikha. **Accepted April 16<sup>th</sup> 2018.** In-vitro Characterization and Evaluation of Commercialized Paracetamol Products in Jordan. Dissolution technologies
- Ala Alhusban, **Samah Ata** and Sawsan Shraim. **Accepted Aril 26<sup>th</sup> 2018.** Toxic metals safety assessment in infant's herbal remedies in Jordanian market. Biological Trace Element Research.

**Books and Book Chapters:**

o Not Applicable

**Reports**

o Not Applicable