

## Samah Abbas Ata

Assistant Professor of Bioinorganic and Analytical Chemistry

### -Education/Certificates

**Sept. 2004- Jan. 2010**      **University of Jordan -Faculty of Science / Chemistry Department**      **Amman, Jordan**

1. Ph.D. in Chemistry (Bioinorganic/Analytical). 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

**Sept. 1998-July 2001**      **Jordan University of Science and Technology**      **Irbid, Jordan**

2. Master degree in Chemistry (Physical Chemistry) from the Department of Applied Chemistry/Faculty of Science. Thesis Title: Spectrophotometric Study of the Inclusion of Ciprofloxacin with Cyclodextrins in Aqueous Solutions

**Sept. 1992-June 1996**      **Yarmouk University**      **Irbid, Jordan**

3. Bachelor degree in Chemistry ( Major Chemistry , Minor Biology ) from the Department of Chemistry/ Faculty of Science.

### -Teaching experience and Others:

**Oct. 2011-**      **Al- Zaytoonah University of Jordan/ Pharmacy Department**      **Amman, Jordan**  
*Assistant Professor*

Teaching General Chemistry, General Chemistry Lab, Physical Pharmacy, Pharmaceutical Analytical Chemistry, Pharmaceutical Analytical Chemistry lab, Instrumental Analysis, Instrumental Analysis Lab courses.

**Aug 2010 – Sept 2011**      **Clinical Quest (Clinical Research Services)**      **Amman, Jordan.**

*Clinical Data Manager:* responsible for collecting data from medical research projects (clinical and pharmaceutical trials). Collaboratively work to make sure data is collected, managed and reported clearly, accurately and securely.

**Feb 2011- June 2011**      **Al al-bayte University /chemistry department**      **Al-Mafraq, Jordan**  
*Part time lecturer*

Teaching Analytical Chemistry, Analytical Chemistry lab courses

**Feb. 2010 – July 31<sup>st</sup> 2010**      **PharmaquestJo (Drug Evaluation and Research)**      **Amman, Jordan**  
*Research Assistant*

Data collection, Data analysis, writing and editing manuscript

**Feb 2010-June 2010**      **University of Jordan / chemistry department**      **Amman, Jordan**  
*Part time lecturer*

Teaching Instrumental Method of Analysis Lab

**Sept 2006 – Jan. 2010**      **University of Jordan / chemistry department**      **Amman-Jordan**  
*Teacher Assistant (during PhD Degree)*

Teaching General Chemistry Lab., Instrumental Methods of Analysis Lab., and Experimental Inorganic Chemistry

**2003 -2006**      **Ministry of Education**      **Al-Mafraq- Jordan**  
**Princess Eman Bent Al-Husain Secondary School and Al-Mafraq First Secondary School**

**Teacher**

Teaching Chemistry and biology for 10<sup>th</sup> grad **and** chemistry for 11<sup>th</sup> grad and 12<sup>th</sup> (Certificate Examination)



## **-Publication and Conferences**

### ***Published work in Refereed Journal Articles:***

- 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.
- **Ata, S.A**, Abu-Dari, K.I and Tutunji M. F. Recovery of adverse biochemical effects from lead poisoning by N,N'- Bis [(1,2-didehydro-1-hydroxy-2-thioxopyrid-4-yl)-carbonyl]- L-Lysine in biological system, **(manuscript for publication)**

### ***Conference paper, presentation and posters***

- 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.

### **-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)

### ***Participating in the following professional activities and meetings:***

- 18<sup>th</sup> -20<sup>th</sup> June 2017, Test construction and analysis of the results ( 12 hours training course ) , Accreditation and quality Assurance office - Al Zaytoonah University of Jordan
- 27<sup>th</sup> -April 2017, Proposal planning and writing workshop (one day training course) , Association of Jordan women academics with cooperation with MEPI
- 2015-2016 Reviewer for Jordan Journal Pharmaceutical Sciences (JJPS)

- 25<sup>th</sup> to 27<sup>th</sup> November/ 2010, Best Practice for Clinical trials, 3 days workshop -Pharmaceutical Training International- Britain and Clinical Quest (Clinical Research services) , Amman – Jordan:

Introduction to Clinical Research, Good Clinical Practice (GCP), Regulatory updates, Introduction to Common Technical Documentation, Clinical Trials Documentation, Clinical Project Managements, and Clinical Trials Supplies

- 13-15/4/2010: Clinical Trials, A Methodology Perspective , 15 training hours - Consultative Center for Science and Technology- Irbid/ Jordan , NYT- Amman/Jordan:

Introduction to clinical trials (clinical trials history, research process), Good Clinical Practice (GCP), Clinical Safety data management, Investigator selection, Subject recruitment, retention and compliance and Trial registration and publication.

- October 2003-October 2004: The International Driving License –UNESCO:

Basic concept or information technology, Using the computer and managing files, Word processing, Spreadsheets, Database, Presentation and Information and communication

- From 16<sup>th</sup> May to 24<sup>th</sup> June 1996: Training in the Medical Laboratory - Al-Mafraq Hospital, Al-Mafraq- Jordan:

Hematology, Microbiology, Serology, Blood chemistry, Urine analysis and Microscopic analysis.

***Participating in the following professional committees in Al Zaytoonah University of Jordan :***

- 2016/2017: member of Quality Assurance committee for preparing the QA reports for national QA certificate in Higher Education
- 2014/2015- now: Member of Safety, environmental and community services , University Committee
- 2014/2015- now 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

**-Summary of qualifications/skills**

***Experienced with the following Software:***

- Operating Systems: Windows 98, 2000, XP, vista, and 7. Mac OS IX & X 10.x.
- Office Software: Microsoft Office 97-2010.
- Analysis programs: Sigma plot and Graphs
- Molecular modeling: Hyper Chem.
- Statistical programs: SPSS and SAS

***Skills:***

- Verbal, written, communication and computer skills.
- Exceptional cooperating and interacting skills with employees, workers, and students.
- Self Motivated, dynamic, and possess strong organization skills with the ability to multitask.

**Laboratories skills: using the following instruments:**

- UV-Vis and Fluorescence spectroscopy
- FTIR and NMR ( data analysis)
- HPLC
- Atomic Absorption Spectroscopy
- DSC ( differential scanning calorimetry)
- Tesiometer (surface tension).
- Electrophoresis and ELISA
- Laboratory Animal Caring and Animal study.

**- Personal Data**

- **Date of Birth: September 15, 1974**
- **Place of Birth: Kuwait**
- **Nationality: Jordanian**
- **Marital status: Single**
- **Email: [samah.ata@zuj.edu.jo](mailto:samah.ata@zuj.edu.jo)**
- **[samahata74@gmail.com](mailto:samahata74@gmail.com)**

**-References**

<p><b>Prof. Kamal I. Abu Dari</b> Professor of Inorganic Chemistry Department of Chemistry University of Jordan JORDAN- -Amman Phone: +962 6 5355000 Ext. 22135 Fax: +962 6 5348932</p> <p>Mobile: +962 796100176</p> <p>e-mail: <a href="mailto:abudarik@ju.edu.jo">abudarik@ju.edu.jo</a></p>	<p><b>Prof. Mohammad S. Mubarak,</b> Professor of Chemistry The University of Jordan Amman 11942, Jordan Tel. (Home): +962 6 5234640 Tel. (Office): +962 6 5355000 ext.22168 or 22133 Tel. (Mobile): +962 799950383 Fax: +962 6 5300253,</p> <p>e-mail: <a href="mailto:mmubarak@ju.edu.jo">mmubarak@ju.edu.jo</a></p>	<p><b>Prof. Mohammed Khair Hourani</b> Professor of Analytical Chemistry Department of Chemistry University of Jordan JORDAN- -Amman Phone: +962 6 5355000 Ext. 22140 Fax: +962 6 5348932 Mobile: +962 777358639 e-mail: <a href="mailto:mhourani@ju.edu.jo">mhourani@ju.edu.jo</a></p>
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