



Mousa Khames Mezel Magharbeh

Sakka, Al-Karak, Jordan

Email: magharbeh@mutah.edu.jo ; m_magarbeh@yahoo.com

Tel: 00962 79 8243977

EDUCATION AND QUALIFICATION

The University of Jordan, Jordan Doctor of Philosophy <i>PhD Thesis</i> "Preparation of a natural standard reference material (SRM) for El-Lajjun oil shale/Jordan "	2005– 2010
Mutah University, Jordan Master in Chemistry	1995 – 2000
Mutah University, Jordan Bachelor of Chemistry	1991 – 1995

RESEARCH SKILLS

- Professional user of HPLC.
- Professional user of flame photometer and spectrophotometer.
- Outstanding experience in using atomic absorption spectroscopy(AAS)
- Outstanding experience in using mass spectrometry (GC/MS).
- Outstanding experience in using FTIR
- Conducting the analytical assays for in vitro drug analysis.
- Inter-laboratory comparison of SRM
- Elemental analysis
- Extraction and digestion of samples
- Proficient user of statistical analysis software (Chemdraw, SigmaPlot and Graphpad Prism).
- Instruments maintenance and troubleshooting abilities.

TEACHING / LECTURING EXPERIENCE

Faculty of pharmacy, Mutah University, Jordan Assistant professor of Analytical Chemistry	Sep 2014 – present
<ul style="list-style-type: none">• Delivering lectures for course in General chemistry• Delivering lectures for course in Analytical chemistry• Delivering lectures for course in Pharmaceutical Instrumental Analysis• Delivering lectures for course in Practical general chemistry• Delivering lectures for course in practical analytical chemistry• Delivering lectures for course in practical Pharmaceutical Instrumental Analysis	

Al Balqa Applied University, Jordan

Assistant professor of Analytical Chemistry

Feb 2011-sep 2011

- Delivering lectures for course in Organic Chemistry theory and practical
- Delivering lectures for course in Analytical Chemistry theory and practical
- Delivering lectures for course in Biochemistry theory and practical
- Delivering lectures for course in Instrumental Analysis theory and practical
- Delivering lectures for course in Quality Assurance

University of Tabuk, Kingdom of Saudia Arabia

Sep 2011 – Sep 2012

Assistant professor of Analytical Chemistry

- Delivering lectures for course in General Chemistry

Al Balqa Applied University, Jordan

lecturer of Chemistry in Al Balqa Applied University

2006-2011

Mutah University, Jordan

Teaching assistant (TA) in Chemistry Department

2000-2006

Ministry of educational, Jordan.

Teacher of science and chemistry

1995-2000

CONFERENCES AND WORKSHOPS ATTENDED

1-the 10th International Conference of Jordanian Geologists Association and The 7th International Symposium on Middle East Gology that were held in Amman – Jordan, 3-5 April 2011.

2-Workshop in Vocational training center for undergraduate university students and teachers in Jordan , In the Oporto Training Week at ISPAP/P&B from 17 to 21th . Co-funded by the Erasmus + Program of the European Union Oporto, Portugal 24th April 2017.

3- Workshop in Vocational training center for undergraduate university students and teachers in Jordan, In the Leipzig Training Workshop at Leipzig University of Applied Science from 11th to 17th March 2018.

Co-funded by the Erasmus + Program of the European Union Leipzig ,Germany 17th March 2018.

4-“Active Pedagogical Techniques in Higher Education: Combining Multidisciplinary Learner-Centered Educational Experience from Egypt, Germany, Malaysia and the United State”, Mutah, Jordan (2018)

5-The first international conference of faculty of pharmacy, Mutah University " Advanced technology in pharmaceutical sciences" Dead Sea, Jordan . 18-19 April, 2018.

SKILLS

- Languages: English: very good Written and spoken.
- Computer Skills: WinWord, Excel, PowerPoint, Internet and mailing (ICDL certified).
- Personal Skills: Excellent presentation skills, effective working individually or as a part of a team, gain Experience and skills quickly, utilization of interactive teaching; data show; power point presentation; seminars and workshops.

ADMINISTRATIVE WORK

- Head of Pharmaceutical chemistry Department (2017 -2018)
- Member of the quality assurance and accreditation committee
- Member of the libraries committee
- Member of the Pharmaceutical Study Plan committee
- Member of the examination control office

RESEARCH INTEREST

- Analysis and treatment of Jordanian Oil shale
- Using of Medicinal plants in medicine
- Treatment of waste water pollutants

REFEREES

1-Manar Khaled Fayyad

Prof. Analytical Chemistry

Email: manar.fayyad@lju.edu.jo

2-Mufeed I. Batarseh

Prof. Analytical Chemistry

Email: batarseh@mutah.edu.jo

PUBLICATIONS

ORCID: 0000-0002-9638-2108

- **Mousa Magharbeh**, Manar Fayyad, Mufeed Batarseh. Preparation of natural standard reference material (SRM) for El-lajjun oil shale, The Jordan journal of earth and environmental sciences (JJEES) .2012. 4(2):15-22.
- **Mousa Magharbeh**, Manar Fayyad, Mufeed Batarseh. Inter-laboratory comparison measurements of constituents of oil shale standard reference sample (SJL-), Chemistry and Materials Research. 2014. 6(4): 33-43.
- Saied M. I. Al-Dalaen*, Abdul-Wahab R. Hamad, Fawaz Al-Saraireh, RawanNayef Alkaraki, **Mousa Khames Mezel Magarbeh** and Fahil M. Abid. Bioavailability and Bioequivalence of Allopurinol in Two Tablet Formulations. Biomedical & Pharmacology Journal, June 2020. 13(2):789-798.
- **Magharbeh Mousa K.** , Al-Hujran Tayel A., Al-Jaafreh Ahmad M., Alfarrayeh Ibrahim I. and Ebada Sherif S. Phytochemical Screening and in vitro antioxidant and

antiurolithic activities of *Coffea arabica*. *Research Journal of Chemistry and Environment*. (2020) .24 (12) December:109 -114.

- **Mousa K. Magharbeh** , Tayel A. Al-Hujran, Saied M. I. Al-Dalaen and Abdul-Wahab R. Hamad. Assessment of *Paronychia Argentea* Extraction on Kidney Stone By Using Calcium Oxalate Method. *Biomedical & Pharmacology Journal*, December 2020. 13(4), : 1745-1754.
- **Mousa K. Magharbeh**, Tayel A. Al-Hujran, Sherif S. Ebada. Herbal treatment for urinary stones using crude aqueous and fractionated methanol extract of *Prosopis fracta* cultivated in Jordan. *Mutah Lil-Buhuth ead-Dirasat Mutah Journal for Research and Studies*. March 2020 .36(1), :51-74
- Tayel A. Al-Hujran, **Mousa K. Magharbeh**, Hayat A. Al-Btoush, Abdallah A. Al-Ja'afreh, Yasser Gaber. GC-mass determination for the biodegradative products of 2,6-dimethylpyridine using Dead-Sea bacterial isolate . *Research Journal of Chemistry and Environment*; September 2021. 25(9), : 1-8.
- Abdul-Wahab R. Hamad, Saied M. I. Al-Dalaen, Tayel A. Al-Hujran, Hayat AlBtoush, Lidia AlHalaseh, **Mousa K. Magharbeh**, Nariman A. Al-Jawabri and Fadil M. Abid. Bioavailability and Bioequivalence of two oral single dose of ibuprofen 400 mg to healthy volunteers. *Biomedical & Pharmacology Journal*, March 2021.14(1), :435-444
- Tayel A. Al Hujran, , **Mousa K. Magharbeh**, Samer Al-Gharabli, Rula R. Haddadin, Manal N. Al Soub and Hesham M. Tawfeek . Studying the Complex Formation of Sulfonatocalix[4]naphthalene and Meloxicam towards Enhancing Its Solubility and Dissolution Performance. *Pharmaceutics*, 30 June 2021, 13, 994.