

Ayoub Sehlaoui

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EDUCATION

Emporia State University - Emporia, KS

MS - Chemistry _____ **August 2015- May 2017**

- Thesis: Development and validation of a HS – GCMS method for the analysis of Acetone, Methanol and Ethanol in a water matrix

BS - Biochemistry & Molecular Biology _____ **August 2009 - May 2015**

RELATED EXPERIENCE

Analytical Chemist

Oregon Growers Analytical | Eugene, OR _____ **May 2017 - Dec 2017**

- Processing of samples in a controlled laboratory environment.
- Maintaining rigorous quality control throughout laboratory procedures.
- Operate and maintain HPLC, HS-GCMS and LC-MS 3Q in production environment.
- Assist in method development and validation.
- Design and implement strict SOPs in compliance with accreditation standards.

Graduate Teaching Assistant for Chemistry

Emporia State University | Emporia, KS _____ **July 2016- May 2017**

- Aided in instruction of students in Organic Lab, General Chemistry and Chemistry I.
- Managed and supervised summer general chemistry labs.
- Created solutions for lab work as well as set up laboratory equipment.
- Constructed and taught lectures as needed. Supervised and proctored class sessions and examinations.
- Assisted students to understand concepts while fostering a love for chemistry.

Stockroom Manager/Graduate Assistant

Emporia State University | Emporia, KS _____ **August 2015- May 2016**

- Managed the chemical stock room for the chemistry department
- Applied quantitative methods to prepare solutions for the department.
- Managed and supervised general chemistry labs
- Prepared solutions for lab work and set up

Publications

- "MicroRNA-15a Inhibits the Growth and Invasiveness of Malignant Melanoma and Directly Targets on CDCA4 Gene" Alderman, C., Sehlaoui, A., Xiao, Z. et al. Tumor Biol. (2016) 37: 13941. doi:10.1007/s13277-016-5271-z

Grants Awarded

- KINBRE research grant, recipient **January 2013 - 2014**
- Physical sciences research grant, recipient **January 2014**

Conference Presentations

- KINBRE 2014, Oral and Poster presenter — Kansas City, MO
- ASCB 2013, Poster presenter — New Orleans, LA
- Capitol Research Day 2013, Poster presenter — Topeka, KS
- Research and Creativity Day 2013, Poster presenter — Emporia State University

Skills

- Experience with HS-GCMS, HPLC, GC-FID, UV-Vis, and NMR
- Agilent MassHunter software, excel statistical analysis
- Bilingual: Fluent in Arabic and English.

