

# MOHANNAD A. ELKHIDER

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## Education

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### ➤ 2010 – 2012

**Leicester School of Pharmacy, DMU, England**

**Degree:** MSc. Pharmaceutical Biotechnology

**Grade:** First Class Degree / Distinction (*Batch Rank: 1st*)

**Core Modules:** Biopharmaceuticals and Molecular Toxicology, Microbial Fermentation and Drug Development, Gene Cloning, Protein Expression and Analyses (I & II), Bioinformatics (I & II), Entrepreneurship and Innovation.

**Course Leader:** Professor Bob Chaudhuri

**Dissertation:** A scientific review covering the different modes of Autophagy and how it is implicated in Immunity, Inflammation, Cancer, and Neurodegeneration.

### ➤ 2010-2011

**European Business Learning Academy, Leicester, England**

**Degree:** Advanced Diploma in Business Management

### ➤ 2006-2009

**Oman Medical College (Affiliated with West Virginia University)**

**Degree:** Bachelor of Pharmacy

**Grade:** GPA 3.47 out of 4.0 (*Batch Rank: 2nd*)

**Core Modules:** Biochemistry, Medicinal Chemistry (I & II), Pharmaceutical Dosage Forms, Pharmacokinetics (I & II), Pharmacology (I & II), Pathophysiology and Therapeutics (I, II, & III), Pharmaceutical Biotechnology, Microbiology and Immunology

## Work Experience

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➤ **July 2013 – Present: Directorate General of Pharmaceutical Affairs and Drug Control**  
**Ministry of Health**

Current job title: *Senior Pharmacist* - Drug Control Department.

My main duty is to assess pharmaceutical New Marketing Authorisation applications (Product Registration) submitted electronically in e-CTD format.

I am also a member of the inspection team responsible for conducting regular audits on pharmaceutical manufacturers registered with us to ensure their compliance with WHO standards of cGMP.

## Publications

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Produced two publications from my Master's Dissertation

1. Mohannad A. Elkhider and Bob Chaudhuri 2015, 'Autophagy as a neuronal housekeeper', *Hygeia Journal for Drugs & Medicines*, vol. 7, no. 1, pp. 57-64. Available from: < <http://www.hygeiajournal.com>> [10 April 2015].
2. Mohannad A. Elkhider and Bob Chaudhuri 2014, 'Autophagy: A Janus-Faced Role in Inflammation and Cancer', *Hygeia Journal for Drugs & Medicines*, vol. 6, no. 2, pp. 71-91. Available from :< <http://www.hygeiajournal.com>> [10 October 2014].

Published my Pharmacy degree final year project:

Amaresh N, Mullaicharam AR, El-Khider MA 2011,' Chemistry and pharmacology of caffeine in different types of tea leaves', *International Journal of Nutrition, Pharmacology, Neurological Diseases*, vol.1, no.2, pp.110-115. Available from :< <http://www.ijnpnd.com>> [23 August 2011]

## Achievements

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- Oman's youngest receiver of the Ministry of Higher Education fully funded PhD grant. **2015**
- The youngest pharmacist in the Ministry of Health to hold a *Senior Pharmacist* position. **2013**
- The only student to graduate with *Distinction* in the Pharmaceutical Biotechnology Master's class of **2012**, Leicester School of Pharmacy, De Montfort University.
- Winner of first prize for my poster presenting my undergraduate final year project addressing "Medication Errors" at Khoula Hospital 5th Pharmacy Symposium. **2010**
- Salutatorian of my Pharmacy Class of **2009** and deliverer of the graduation speech.
- Chosen for a student exchange program, with West Virginia University, which only the top two pharmacy students are invited to participate in. **2007**

## Languages

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- Fluent in Arabic (Native Language)
- Fluent in English (TOEFL iBT score of 115)

## Technical Skills

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- Proficient in utilizing Clone Manager and other Bioinformatics tools available on the web for tasks such as:
  - ❖ Acquiring DNA/RNA/protein coding sequences
  - ❖ Characterisation of primary, secondary, tertiary, and quaternary protein structures
  - ❖ 3D conformation and protein topology
  - ❖ Identification of gene locus and SNP investigations
  - ❖ Phylogenetic tree construction and analyses
  - ❖ Identification of metabolic Biomarkers
- Hands-on experience in gene expression and protein analysis:
  - ❖ Gene isolation by means of restriction enzymes and PCR amplification
  - ❖ Protein expression and extraction through French press and ultra sound sonication
  - ❖ Protein purification via Liquid/ Ion Exchange Chromatography
  - ❖ The protocols covered five systems: Bacteria, Yeast, Insects, Mammalian cells, and plants

## References

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1. Professor Bob Chaudhuri

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