

Jamal Ali Mohamed Elbakay

Department of Pharmaceutical and Medicinal Chemistry

College of Pharmacy, The University of Tripoli, Libya

#### Personal Information

Gender: Male

Date of birth: 05.04.1983

Nationality: Libyan

Civil Status: Married

#### Summary

Motivating and talented professional driven to inspire students to pursue academic and personal excellence. Strives to create a challenging and engaging learning environment in which students become life-long scholars and learners. Highlights Innovative teaching methods Exceptional written and verbal communicator Inspiring lecturer committed to cultivating student leadership my career objective is to obtain a dynamic, challenging opportunity in a professional environment that can make full use of my skills and abilities. To find a suitable opening which enables me to use my skills and knowledge for the development of organization and advance progressively in career being a team player. I would like to explore the possibility of joining your organization.



**Dr Jamal Elbakay**  
**University of Tripoli.Libya**  
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**Contact no: 0923951538**

#### ACADEMIC PROFILE:

Qualification	Institute/ University / Board	Year of passing	Percentage
<b>Ph.D. (Medicinal Chemistry)</b>	University of Bradford , UK	February 2017	Degree awarded July/2017
<b>MSc in Drug Discovery</b>	University of Bradford, UK	Dec 2010	Distinction
<b>BSc in Pharmaceutical Sciences</b>	University of Tripoli, Libya	March 2006	81.81%

#### THESIS WORK:

**Doctoral Research Work**

*Synthesis and pharmacological evaluation of novel anti-tumour prodrugs*

**MSc Research Work**

*Investigations into proteases activated prodrugs*

**BSc Research Work**

*Analysing and comparing the drinking water contents of various metals using flame atomic absorption.*

**Professional Experience**

- July 2018 – Present: Lecturer at the Department of Pharmaceutical and Medicinal chemistry, Pharmacy School, Tripoli University, Tripoli, Libya.
- October 2010-2013: Assistant Lecturer at the Department of Pharmaceutical and Medicinal chemistry, Pharmacy School, Tripoli University, Tripoli, Libya
- Oct 2007- Nov 2008: Demonstrator at Department of Pharmaceutical and Medicinal chemistry, Pharmacy school, Tripoli University, Tripoli, Libya.

**Research****WORK EXPERIENCE:**

I am currently working as a Lecturer in Organic and Medicinal Chemistry at Department of Medicinal and Pharmaceutical Chemistry, faculty of Pharmacy, Tripoli University since July 2018

Worked as an assistant Lecturer in Organic and medicinal Chemistry and instrumental analysis from 1<sup>st</sup>February 2011 to 15<sup>th</sup>Dec 2013 at University of Tripoli, Libya. During this period Worked as a demonstrator in the quality control of pharmaceuticals from 23<sup>rd</sup> November 2006 to 30<sup>th</sup> June 2008 at University of Tripoli, Libya.

I used quite wide range of analytical techniques during my MSc and to much greater extent during my PhD such as HPLC, MS, HPLC/MS, NMR, IR, UV, visible spectroscopy and atomic absorption. Therefore, I know such techniques very well in term of their principle and applications in pharmaceutical science and drug quality control including in-process and final product quality testing. Currently, I am working as a lecturer at Pharmaceutical Chemistry Department, University of Tripoli. Libya

I have been working as lecturer in faculty of pharmacy-Tripoli university teaching organic, medicinal and pharmaceutical chemistry till now. Main task of teaching involves giving lectures and practical work in the lab and also supervising some students projects

**Publication List**

1. Ali Elejmi<sup>1</sup>, Asma Abdalgader<sup>1</sup>, Wael Elhrari<sup>2</sup>, Inass A Sadawe<sup>3</sup>, Abdulathim A Alshoushan<sup>4</sup>, Nisreen H Meiqal<sup>3</sup>, Jamal Ali Elbakay<sup>3</sup>, Salah M Bensaber<sup>3</sup>, Anton Hermann<sup>5</sup> and Abdul M Gbaj<sup>3\*</sup>. (2019). Polyamide Dendrimers and Spermine Interact with DNA. Archives in Biomedical Engineering & Biotechnology. 3 (3) pages 1-6 ..
2. Inass A Sadawe<sup>1</sup>, Nisreen H Meiqal<sup>1</sup>, Amira A Gbaj<sup>2</sup>, Salah M Bensaber<sup>1</sup>, Abdulathim A A Alshoushan<sup>3</sup>, Halima A Gbaj<sup>1</sup>, Jamal A Elbakay<sup>1</sup>, Massaud Salem Maamar<sup>4</sup>, Anton Hermann<sup>5</sup> and Abdul M Gbaj<sup>1\*</sup>. "Echium angustifolium Reduces/Revokes the Effect of Cerastes cerastes Venom in Albino Mice". EC Emergency Medicine and Critical Care 4.10 (2020): 74-88.
3. Emhemmed Ali Elgallal<sup>1</sup>, Inass A Sadawe<sup>2</sup>, Abdelmonam Hadi Elghobassa<sup>1</sup>, Abdulathim A Alshoushan<sup>1</sup>, Salah M Bensaber<sup>3</sup>, Jamal Ali Elbakay<sup>3</sup>, Nisreen H Meiqal<sup>3</sup>, Massaud Salem Maamar<sup>4</sup>,

Anton Hermann<sup>5</sup> and Abdul M Gbaj<sup>3</sup>. Mixing of Sputnik V and AstraZeneca Covid-19 vaccines. Nov Res. Sci. 9 (1) .NRS. 000703. 2021

4. Emhemmed Ali Elgallal<sup>1</sup>, Inass A Sadawe<sup>2</sup>, Abdelmonam Hadi Elghobassa<sup>1</sup>, Abdulathim A A Alshoushan<sup>1</sup>, Salah M Bensaber<sup>3</sup>, Jamal Ali M. Elbakay<sup>3</sup>, Nisreen H Meiqal<sup>3</sup>, Massaud Salem Maamar<sup>4</sup>, Anton Hermann<sup>5</sup> and Abdul M Gbaj<sup>3</sup> The Effect of Sputnik V COVID-19 vaccine on the Body Weight of Mice. Journal of Pharmaceutical Research & Reports. 2021 2(2): 1-3

5. Sara T. Taeb<sup>1\*</sup>, Haneen Ab. Ben Lagha<sup>1</sup>, Tazeery A. Damoony<sup>1</sup>, Jamal A. Elbakay<sup>2</sup> and Sara S. Badri<sup>3</sup>. Impact of an educational intervention for Libyan patients with epilepsy: a trial studyMediterr J Pharm Pharm Sci 1(2): 15-20, 2021

### **Teaching experience Undergraduate students: Postgraduate students:**

General chemistry, Advanced organic chemistry, Organic chemistry, Applied analysis of drugs (UV, IR, NMR and MS)

Medicinal chemistry, Molecular modelling in drug design, Heterocyclic chemistry, Advanced medicinal chemistry

### **Communication skills**

- Experience working abroad and constant contact with different nationalities.
- Personable professional whose strengths include cultural sensitivity and an ability to build rapport with a diverse workforce in multicultural settings.
- Highly adaptable, mobile, positive, resilient, patient risk-taker who is open to new ideas.
- Exceptional listener and communicator who effectively conveys information verbally and in writing.
- Ability to take initiative.
- Supervisory experience.
- Capacity of behaving autonomously.
- Ability to work in groups (Team Player) with excellent interpersonal skills.
- Effective communication abilities.
- Organisational / managerial skills.

### **Job-related skills**

- Experience in NMR, HPLC (analytical, prep), LC-MS, TLC, UV/VIS, IR and mass spectrometry for compound characterisation.
- Qualified practice in pharmaceuticals and pharmaceutical industry.
- Synthetic organic chemistry: Hands on experience in modern synthetic organic chemistry, peptide synthesis, multi-step organic synthesis, small molecules, heterocycles, parallel syntheses, independent planning and execution of structure activity relationship studies and modern separation techniques.
- Cell culture and confocal imaging.

- Good command of office suite (word processor, spread sheet, presentation software).
- Chemoffice, ACDlabs, XPS viewer, computer aided drug design (CADD).
- Presentation skills.

## References

### REFERENCES:

**1. Dr Robert Falconer (PhD first supervisor)**  
**Reader in Medicinal Chemistry & Deputy Director**  
**Institute of Cancer Therapeutics, University of Bradford**  
**Telephone +44 (0) 1274 235842**  
**Email [r.a.falconer1@bradford.ac.uk](mailto:r.a.falconer1@bradford.ac.uk)**

**2. Dr Adel Abushofa**  
**Associate Professor**

**Faculty of Pharmacy**  
**University of Tripoli**

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I hereby solemnly declare that all the information provided here is true as per the best of my knowledge.

Jamal