

## **CURRICULUM VITAE (C.V)**



**NAME:** Ibrahim M. Al-Osta

### **PRESENT POSITION AND ADDRESS:**

ASS. Professor of Pharmacology, Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, El-Mergib University, AL-Khoms-Libya

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### **BIOGRAPHICAL BACKGROUND:**

Sex : Male.  
Date of Birth : July 18<sup>nd</sup>, 1977.  
Place of Birth : Msallata city.  
Home Address : Al-Wehda Str., Msallata city, Libya.  
Citizenship : Libyan.  
Social Status : Married.

### **EDUCATION:**

- ❖ 2000: B.Sc. Pharmaceutical Sciences, AL-Fateh University Faculty of pharmacy, Tripoli, Libya.
- ❖ 2008: M.Sc. Pharmacology, AL-Fateh University Faculty of pharmacy, Tripoli, Libya.
- ❖ 2018: PhD in cell physiology and pharmacology, University Of Leicester, Leicester city, UK.

### **OCCUPATIONAL BACKGROUND:**

- ❖ 2001-2005: Msallata Central Hospital

- ❖ 2005-2008: (M.Sc) Student at AL-Fateh University Faculty of pharmacy, Tripoli, Libya.
- ❖ 2001-2009: AL-Osta private pharmacy (co-work)
- ❖ 2009- 2011: Ass. Lecturer of pharmacology and therapeutics, department of pharmacology & clinical pharmacy, Faculty of Pharmacy, El-Mergib University, AL-Khoms-Libya.
- ❖ 2011-2012: Head of the department of pharmacology & clinical pharmacy, Faculty of Pharmacy, El-Mergib University, AL-Khoms-Libya.
- ❖ 2012-2013: Dean of the Faculty of Pharmacy, El-Mergib University, AL-Khoms-Libya.
- ❖ 2013-2014: As a student in Berlitz language center, Manchester (Minshull St Entrance, 11 Portland Street, Manchester M1 3HU). U.K.
- ❖ 2014-2018: as a student in cell physiology and pharmacology project. University Of Leicester, Leicester city, UK.

### **EXPERIENCES:.**

- ❖ HPLC
- ❖ Electrophysiology
- ❖ Imaging of presynaptic calcium
- ❖ Immunohistochemistry
- ❖ PCR
- ❖ Western Blotting
- ❖ Multiphoton Microscope
- ❖ Epifluorescent microscope



### **Computer Skills :**

- Using Internet, using different computer program, Windows, Softwares.
- I have taken several computer courses (Word \_ Excel \_ Power Point -ACCESS).
- Statistical softwares (SPSS, GraghPad prism, ....etc)

### **TEACHING ACTIVITIES:**

- ❖ A member of the teaching staff of both Practical and theoretical courses of pharmacology and therapeutics and first aid for undergraduate students (second year, third year and fourth year), faculty of Pharmacy, EL-Mergeb University, AL-Khoms , Libya.
- ❖ A member of the teaching staff of both Practical and theoretical courses of pharmacology and toxicology for undergraduate students (third year), Msallata High School for Health Sciences.
- ❖ A member of the teaching staff of both Practical and theoretical courses of pharmacology and toxicology for undergraduate students (third year), Higher Institute for comprehensive profession, Msallata

### **CONFERENCE PARTICIPATION:**

1. The 9<sup>th</sup> International Conference about the future prospects for development in the Arabic world and environmental challenges, Sham El-Sheikh, Egypt, 2012.
2. ImageJ and its uses in biomedical field, Leicester University, 2017.



3. British Pharmacological Society conference, 2015; London, U.K.
4. Libyan pharmacists Conference, 2019, Tripoli, Libya.

### **Publications:**

- ❖ Al-Osta IMS, Hartell N, Challiss J, University of L. **Visualising the role of presynaptic calcium in hippocampal circuits using a novel, genetically encoded calcium sensor.** 2018. (Thesis (Ph.D.))
- ❖ Al-Osta I, Mucha M, Pereda D, Piqué-Gili M, Okorocha AE, Thomas R, Hartell NA. **Imaging Calcium in Hippocampal Presynaptic Terminals With a Ratiometric Calcium Sensor in a Novel Transgenic Mouse.** Front Cell Neurosci. 2018 Jul 19;12:209. doi: 10.3389/fncel.2018.00209. Erratum in: Front Cell Neurosci. 2019 May 15;13:194. PMID: 30072872; PMCID: PMC6060260.
- ❖ Pereda D, Al-Osta I, Okorocha AE, Easton A, Hartell NA. **Changes in presynaptic calcium signalling accompany age-related deficits in hippocampal LTP and cognitive impairment.** Aging Cell. 2019 Oct;18(5):e13008. doi: 10.1111/accel.13008. Epub 2019 Jul 16. PMID: 31310431; PMCID: PMC6718530.
- ❖ Al-Osta IM, Diab MS, Al-Shreef SAS (2021) **ImageJ for Counting of Labeled Bacteria from Smartphone-Microscope Images.** J Mol Pharm Org Process Res 9: 217. Doi: 10.4172/2329-9053.1000217.

