

# **CURRICULUM VITAE**

**Dr. Maha Abd El Fatah El Beltagy**

M.B.B.Ch., M.Sc., PhD, MD

Associated Professor of Anatomy

Faculty of Medicine. The Jordan University. Amman .Jordan

**1. PERSONAL INFORMATION (Biographical):**

- **Name:** Maha Abd El Fatah Abd El Rahman El Beltagy

- **Date of Birth:** 1/10/1976

- **Sex:** Female

- **Citizenship:** Egyptian

- **Marital Status:** Married

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\* **Work:** Faculty of Medicine. University of Jordan. Jordan

- **E-Mail:** mahabeltagy76@yahoo.co.uk

- **YouTube Channel :** DR. Maha Elbeltagy

<https://www.youtube.com/channel/UCuiRHUekvOMQkx99f3F37TA>

**2. ACADMIC EDUCATION:**

Qualification	Specialty	Year	Faculty and University
<b>MD</b>	Anatomy	2010	Faculty of Medicine, Menoufiya University, <b>Egypt</b>
<b>PhD</b>	Anatomy (neuroscience)	2010	University of Nottingham.U.K
<b>M.Sc.</b>	Anatomy	2004	Anatomy Dept, Faculty of Medicine, Menoufiya University, <b>Egypt</b>
<b>M.B., Ch.</b>	General Surgery And Internal Medicine	1999	Faculty of Medicine, Menoufiya University, <b>Egypt</b>

**3. LANGUAGE & COMPUTER EDUCATION:**

- Arabic: Mother Tongue

- English: Fluent both spoken and written.

TOEFL (Test of English as a Foreign Language)

- ICDL (International Computer Driving Liscience), UNESCO, EGYPT.

**4. PROFESSIONAL AND TEACHING EXPERIENCE:**

<i>Job Title</i>	<b>Period</b>	<b>Site of the work</b>
<i>Associated Prof. of Anatomy</i>	2019-now	University of Jordan, Jordan Faculty of medicine
<i>Assistance Prof. of Anatomy</i>	2016-2019	University of Jordan, Jordan Faculty of medicine
<i>Assistance Prof. of Anatomy</i>	2011-2016	Tabuk university, Saudi arabia Faculty of Medicine
<i>Lecturer of Anatomy</i>	2010-2011	Shebin El - Kom, Menoufiya, Egypt. Faculty of Medicine
<i>PhD student</i>	2007-2010	Q.M.C Nottingham University, UK
<i>Assistant Lecturer of Anatomy</i>	2005 – 2007	Shebin El - Kom, Menoufiya, Egypt. Faculty of Medicine
<i>Demonstrator of Anatomy</i>	2002 -2005	Shebin El - Kom, Menoufiya, Egypt. Faculty of Medicine
<i>General Practitioner</i>	2001 – 2002	Shebin El - Kom, Menoufiya, Egypt. Ministry of Health
<i>House Officer</i>	2000 - 2001	Shebin El - Kom, Menoufiya, Egypt. University Hospital

**5. TEACHING RESPONSIBILITIES:**

- Teaching Anatomy and histology for (Medical 2<sup>nd</sup> and 3<sup>rd</sup> years, Dentists, Nursing, pharmacy, Physiotherapy and rehabilitation) under graduates University of Jordan, Jordan.
- Teaching Undergraduate Medical Students (1st and 2nd year): Anatomy and Embryology, Tabuk University, K.SA.
- Teaching of “Anatomy” and for High Institution of Nursing, Menoufia University,
- Demonstrator of anatomy and histology, Biomedical sciences, Nottingham university, UK

**6. SPECIAL INTERESTS AND RESEARCH FIELDS:**

- Neuroscience
- Anatomy and embryology sciences
- Molecular Biology
- Cognitive and neurogenesis fields

-Chemotherapy and antidepressant.

#### **7. SCIENTIFIC AND PROFESSIONAL MEMEBERSHIPS:**

- Egyptian society of Anatomy.
- Member in E.M.D.C ( Education Medical Developing Center) Faculty of Medicine. Menoufiya University.
- Member in Egyptian Basic Neuroscience branch from **IBRO**
- Member of International society of developmental (ISDN), neuroscience of USA.mber
- Member of the accreditation unit, Faculty of Medicine, the University of Jordan
- Member of academic consultation unit Faculty of Medicine, the University of Jordan

#### **8. SCIENTIFIC PUBLICATIONS:**

**1-Master thesis entitled (effect of pesticides and the protective effect of the antioxidants on chromosomes), 2004.**

**2- Fluoxetine improves the memory deficits caused by the chemotherapy agent 5-fluorouracil. ElBeltagy M, Mustafa S, Umka J, Lyons L, Salman A, Chur-yoe GT, Bhalla N, Bennett G, Wigmore PM, *Behavioral Brain Res.* 2010 Mar 17;208(1):112-7. *Epub* 2009 Nov 13.**

**3- Valproic acid reduces spatial working memory and cell proliferation in the hippocampus. Umka J, Mustafa S, ElBeltagy M, Thorpe A, Latif L, Bennett G, Wigmore PM, *Neuroscience.* 2010 Mar 10; 166(1):15-22. *Epub* 2009 Dec 17.**

**4- PhD thesis entitled (Effect of 5-Fluorouracil chemotherapy and the potential protective effect of the SSRI antidepressant Fluoxetine on memory and neurogenesis in the adult hippocampus, 2010.**

**5-Cancer Chemotherapy-Related Cognitive Impairment. Effects of 5-Fu**

Peter M. Wigmore, Sarah Mustafa, **Maha El-Beltagy**, Laura Lyons, Jariya Umka and Geoff Bennett. **Madam Curie Landes Bioscience Database, From the book *Chemo Fog: Cancer Chemotherapy-Related Cognitive Impairment, 2010.***

- 6- The Effects of Cyclophosphamide on Hippocampal Cell Proliferation and Spatial Working Memory in Rat.** Laura Lyons, Maha ELBeltagy, Geoffrey Bennett, Peter Wigmore. PLOS one, 2011;6(6):e21445
- 7- Fluoxetine reverses the memory impairment and reduction in proliferation and survival of hippocampal cells caused by methotrexate chemotherapy.** Laura Lyons, Maha ElBeltagy, Jariya Umka, Rachel Markwick, Carla Startin, Geoffrey Bennett, Peter Wigmore. *Psychopharmacology*, 2011 May;215(1):105-15.
- 8- Fluoxetine Counteracts the Cognitive and Cellular Effects of 5-Fluorouracil in the Rat Hippocampus by a Mechanism of Prevention Rather than Recovery.** Laura Lyons, Maha ELBeltagy, Geoffrey Bennett, Peter Wigmore. *PLOS one January 2012 , Volume 7*
- 9- The effect of 5-Fluorouracil on the long term survival and proliferation of neural precursors in the rat hippocampus.** Maha ELBeltagy, Sarah Mustafa, Jariya Umka, Laura Lyons, Ahmed Salman, Katherine Dormon, Charlotte Allcock, Geoffrey Bennett and Peter Wigmore. 2012, *Brain research Bulletin*. 2012 Aug 1;88(5):514-8.
- 10- Knowledge, Attitude and Practice of Doctors and Medical Students towards Stem Cell Use in The Management of Diabetes Mellitus** Manal Mohammed ALmashori , Bayan Ibrahim ALaradi , Lamis majed ALtoairqi ,Fatimah Ali Swead ,Marwan Fahad ALtemani , Maha ELBeltagy , Yasin Ibrahim , Hyder Osman Mirghani . The Egyptian Journal of Hospital Medicine (April 2018) Vol. 71 (6), Page 3308-3313
- 11- Ginger and vitamin C as protective agents against oxidative stress and liver injury induced by methyl parathion.** Ahmed S Salman, Maha A ElBeltagy, Hesham A Khairy, Naglaa I Sarhan. 2018, *European journal of anatomy*. 22 (4): 335-343 (2018)
- 12-Atomoxetine enhances memory and proliferation in adult male rat hippocampus**  
**Maha El Beltagy**, Ahmed Salman, Amjad Shatarat, Maram Mohsen, Doaa Qattan, Hanan Jafar. 2019, *European journal of anatomy*. 23(4) : 243-251

**13- Effect of Atherosclerosis and the Protective Effect of the Antioxidant Vitamin E on the Rabbit Cerebellum.** Maha ELBeltagy ,Wael El Kholy, Ahmed Salman . **Microscopy (Oxf)** .2019. Oct 9;68(5):369-378

**14- Protective effect of Glucosamine and Risedronate (alone or in combination) against osteoarthritic changes in rat experimental model of immobilised knee.** Ahmed Salman ,Atef Ibrahim Shabana ,Dalia Abdo El-Ghazouly ,Maha ELBeltagy. 2019. **Anatomy and Cell Biology** . Dec;52(4):498

**15- Gender Differences in the Rat Corpus Callosum: an ultrastructure study.** Duaa Al Qattan Amjad Shatarat Loai Alzghoul Aya Khaled Ala Abdallah Maha ELBeltagy **Anatomia Histologia Embryologia**. 2019 Sep;48(5):437-443.

**16- Spasmolytic Effects of Salvia Triloba Leaves Extract on Smooth Muscles of duodenum in Rats.** Islam Al-tarawneh, Amjad Shatarat, Maisa ALqadah , Darwish H. Badran and Maha Elbeltagy.2019 **Studies on Ethno-Medicine**. 13(3): 169-174

**17- Anatomical and Ultrastructural Sex Differences in Mean Diameter and Thickness of Myelinated Axons in Adult Rat Corpus Callosum.** Amjad Shatarat ,Loai Alzghoul ,Duaa Al Qattan, Maha ELBeltagy .2020 *Int. J. Morphol.*,38(2):505-512.

**18- Atomoxetine improves hippocampal cell proliferation but not memory in Doxorubicin-treated adult male rats.** Ahmed Salman, Maha El Beltagy, Amjad Shatarat, Loai Alzghoul, Liyana Oweis, Nada Al Antary, Safa Al Fegie, Maram Mohsen, Salma Salman.2020. *Veterinary Medicine and Science*. Apr 27.

**19- Role of ascorbic acid versus silymarin in amelioration of hepatotoxicity induced by acrylamide in adult male albino rats: histological and immunohistochemical study.** Ahmed Salman ,Atef Ibrahim Shabana ,Dalia Abdo El-Ghazouly ,Maha ELBeltagy.2020 *International Journal of Morphology*. 38(6):1767-1778 .2020

### **9. INTERNATIONAL MEDICAL CONFERENCES**

1- IANR 12 CONFERENCE, Amman, Jordan 2-5 October, 2019

2-The Combined 16th Pan Arab Union of Neurological Societies (PAUNS) .19-22 September 2018 .Amman-Jordan)

**3. The 3rd international conference of the school of medicine, University of Jordan. The 8th international conference for the scientific society of the Arab faculties of Medicine. Arab simulation conference in Medical education. “ASCME 2016”, 5<sup>th</sup> to 7<sup>th</sup> October 2016, The University Jordan-Amman (15 CME hours).**

4. **ICDDT (International conference of drug discovery and therapy).**Dubai 10-12/2/2014, **oral presenter and chairman.**
5. **Neurogenesis structure and function,**Fraunhisee.Munich. Germany. 27/5/2010-29/05/2010
6. **ISDN conference in Monterey, CA, USA** from 31-5-08 to 1-6-08. **Stem cells on the brain,** Institute of Neuroscience Newcastle university conference 13/11/2007.
7. **Abcam Neuroscience conference** London may 2007.
8. **13<sup>th</sup> international scientific congress of Egyptian Medical Syndicate,** entitled "Major Health problems in Egypt" Jan. 2004.
9. **39<sup>th</sup> annual conference of the Arab medical union, entitled "Preventive Medicine"** March 2003.
10. **4<sup>th</sup> annual scientific congress of Menoufyia Medical Syndicate, entitled "Early Detection of Malignancy"** Sept. 2002.

## **10- ATTENDED COURSES**

### **A- At University of Nottingham 2007-2010**

- 1-Ms PowerPoint
- 2- Presentation skills –building confidence.
- 3- How to prepare effective posterpresentation.
- 4-presentation skills structure and technique.
- 5-Creating and publishing web pages.
- 6-Enhancing your website.
- 7-Introduction to image and photo editing.
- 8-Extra photo and image editing
- 9-introduction to library skills
- 10- Lecturing for learning
- 11-Supporting students who are doing undergraduate projects and dissertations.
- 12- Introduction to Qualitative research.
- 13- Referencing and citing using Endnote .

- 14-Introduction to SPSS for researchers.
- 15-core skills for managers.
- 16- Introduction to statistics
- 17- Getting started with research design and statistics
- 18- 18-Building better working Relationship.
- 19-Team building techniques to build better teams
- 20- Negation with staff to improve performance.
- 21- Introduction to skills of assertiveness and negotiation.

**B- At Menoufiya University , Egypt, 2010-2011**

- 1- Time Management (15 hours)
- 2- Ethics of scientific research (15 hours)
- 3- Lecturer preparation (15 hours)
- 4- Management of research team (15 hours)
- 5- How to standardize a research project (15 hours)

**C- At Tabuk University, K.S.A 2011-2016**

- 1. Workshop on writing smart learning objectives. (3 hours)
- 2. Performing strategic plan for faculty of medicine. (15 hours).
- 3. Basis of PBL and methods of assessment (Faculty of Medicine, Tabuk University.
- 4. KSA.in collaboration with Monash University) (15 hours).
- 5. How to perform triple jumb exam (3 hours)

**D- at the University of Jordan (2016-2019)**

- 1- Performing professional MCQ exam
- 2- Emotional intelligence (basis and conceptions).

**11. REFERENCES:**

**1-Dr Peter Wigmore**

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**2- Dr Geoffrey W Bennett**

Associate Professor and Reader in Neuropharmacology, School of Biomedical Sciences, Nottingham university, UK.

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