

DR. MOHAMED HUSSEIN ELSHERBINY CV

CURRICULUM VITAE

PERSONAL DATA:

- **Name:** Mohamed Hussein Elsherbiny
- **Date of birth:** 23/9/1977
- **Nationality:** Egyptian
- **City:** Mansoura
- **Postal Address:**
 - **Saudia Arabia:** P.O. 71666 Riyadh (Diriyah) 11597 kingdom of Saudi arabia
- **Email:**
 - Mohh.elsherbiny@gmail.com
 - msharbini@mcst.edu.sa
- **Passport number:** A07706671 Valid until:5/9/2019
- **Phones:**
 - **Mobile:**
In KSA +966548979835
- **Status:** Married with two children.

CURRENT POSITION:

- **Head of Anatomy department:** Almaarefa colleges of medicine, Riyadh, Saudi Arabia (2015-2016).
- **Assistant professor of Anatomy & Embryology:** Almaarefa colleges of medicine, Riyadh, Saudi Arabia and Basic Medical Science Department, Faculty of Medicine, Mansoura University.

TOTAL EXPERIENCE:

- **Demonstrator of Anatomy:** 3 and half years
- **Lecturer of Anatomy:** 5 years
- **Assistant Professor of Anatomy:** 4 years

QUALIFICATIONS:

- **2013:** 1st part master degree diagnostic radiology, Zagazig University, Egypt
- **2012:** PH.D. Anatomy and Embryology Dept, Mansoura Faculty of Medicine-Egypt.
- **2008:** Postgraduate Diploma in Total Quality Management in health care in American University in Cairo AUC.
- **2006:** M.Sc. Anatomy and Embryology Dept., Mansoura Faculty of Medicine-Egypt.

- **2001:** MBSc. of medicine and surgery (M. B. B. Ch.) with excellent with honour degree, Mansoura University, Egypt.

POSITIONS HELD:

- **Head of Anatomy department:** Almaarefa colleges of medicine, Riyadh, Saudi Arabia (2015 till now).
- **Assistant professor of Anatomy & embryology,** Department of Anatomy, **Faculty of Medicine, Mansoura University** from **30/4/2012** till now.
- **Assistance Lecturer of Anatomy,** Department of Anatomy, **Faculty of Medicine, Mansoura University** from **19/1/2007** till **29/4/2012**.
- **Demonstrator of Anatomy,** Department of Anatomy, **Faculty of Medicine, Mansoura University** from **15/7/2003** till **18/1/2007**.
- **GP,** Ministry of Health, **2003**.
- **Rotating House Officer,** University Hospital of Mansoura, **2002**.

ADDITIONAL EXPERIENCES

- **Instructor of Anatomy of in Mansoura Manchester PBL Program** in Mansoura Faculty of Medicine.
- **Tutor of in Mansoura Manchester PBL Program** in Mansoura Faculty of Medicine.
- **Member of the Quality and accreditation unit,** Faculty of Medicine, Mansoura University, from **1/1/2008** till **2014**. And one of the implementation team in the **CIQAP (Continuous Improvement Qualifying for Accreditation Project)**.
- **Specialist of total quality management of health care** (Ministry of health (2008)).

TEACHING ACTIVITY:

- Has an experience in both subject based teaching and problem based learning in:
 - Neuroanatomy for medical students.
 - Teaching General and systemic anatomy for medical and paramedical Students.
 - Teaching Anatomy in Mansoura Manchester Program depending on Problem Based Learning system.
- Has an experience in editing and directing anatomy books and Atlases*

THESES:

- **Ph.D. thesis:** Application of human umbilical cord blood cells in experimental diabetic rats.
- **Master thesis:** The Liver Cirrhosis Induced by Alcohol and Iron. Immunohistochemical Study in Albino Rat

PUBLICATIONS:

1. Mohamed Ahmed Eladl, Wael M Elsaed, Hoda Atef Mohamed El-Sherbiny. **Ultrastructural Changes and Nestin Expression Accompanying Compensatory Renal Growth after Unilateral Nephrectomy in Adult Rats.** International journal of nephrology and renovascular disease. (accepted and will be online soon).
2. Hassan M.Rezk, Mohamed El-Sherbiny, Hoda Atef, Medhat Taha M., Samar Hamdy and R.F. Bedir. **Effect of spironolactone on diabetic glomerulofibrosis in albino rats: Ultrastructural and immunohistochemical study.** Kidney research and clinical practice. (In press)
3. Nehal M. Elsherbiny, Mohamed F. Salama, Eman Said, Mohamed El-Sherbiny, Mohammed M.H. Al-Gayyar. **Crocic protects against Doxorubicin-induced myocardial toxicity in rats through down-regulation of inflammatory and apoptic pathways.** Chem Biol Interact. 2016 Jan 22;247:39-48. doi: 10.1016/j.cbi.2016.01.014.
4. Hassan S. Shaibah, Abd-Elhamid K. Elsify, Medhat Taha M, Hassan M. Rezk and Mohamed El-Sherbiny (2016). **Histopathological and Immunohistochemical Study of the Protective Effect of Triptorelin on the Neurocytes of Hippocampus and Cerebral Cortex of short-term exposed Cyclophosphamide Treated male albino Rats.** Journal of Microscopy and Ultrastructure 4 (2016) 123–132.
5. Afaf M. Attia, Hend M. Abo El-Atta, Mohamed El-sherbiny and EmanE. El-Shahat. **Evaluation of procalcitonin postmortem levels in some models of death: An experimental study.** Journal of Forensic and Legal Medicine 37 (2016) 28-32.
6. Nehal Mohsen Elsherbiny & Mohamed El-Sherbiny & Eman Said **Amelioration of experimentally induced diabetic nephropathy and renal damage by nilotinib.** Physiol Biochem DOI 10.1007/s13105-015-0428-6.2015.
7. Mohamed El-Sherbiny, Mohamed A. Eladl, Islam N. Mohamed, Nahla M. Reda and Azza B. El-Remessy. **Deletion of thioredoxin-interacting protein (txnip) protects against high fat diet induced steatohepatitis and liver injury,** *Journal of Hepatology abstract book, 2015 vol. 62/S263-S864.*
8. El Morsi DA, Rezk HM, Aziza A and El-Sherbiny M. **Tooth Coronal Pulp Index as a Tool for Age Estimation in Egyptian Population.** *Journal of Forensic Science & Criminology. Volume 2 | Issue 5 ISSN: 2348-9804.2015.*

9. Hassan M Rezk, Mohamed Elsherbiny, Wagdi F Elkashef and Medhat Taha. **Effect of Green Tea Extract on the Interferon-Induced Testicular Apoptosis in the Adult Albino Rat: Immunohistochemical and Electron Microscopic Study.** *Reprod Syst Sex Disord* 2014, 3:4Volume 3 • Issue 4 • 1000146.
10. Ahmed S. Ibrahim, Sally Elshafey, Hassan Sellak, Khaled A Hussein, Mohamed El-Sherbiny, Mohammed Abdelsaid, Nasser Rizk, Selina Beasley, Amany M. Tawfik, and Sylvia B. Smith, Mohamed Al-ShabraweyA **Lipidomic Screen of Hyperglycemia-Treated Human Retinal Endothelial Cells Links Lipid Metabolites of 12/15-Lipoxygenase to Microvascular Dysfunction during Diabetic Retinopathy via NADPH Oxidase.** *J Lipid Res.* 2015 Mar;56(3):599-611.
11. Elsherbiny NM, El-Sherbiny M. **Thymoquinone attenuates Doxorubicin-induced nephrotoxicity in rats: Role of Nrf2 and NOX4.** *Chemico-Biological Interactions* 223 (2014) 102–108.
12. Selina Beasley, Mohamed El-Sherbiny, Sylvia Megyerdi, Sally El-Shafey, Karishma Choksi, Ismail Kaddour, Nader Sheibani, Stephen Hsu and Mohamed Al-Shabrawey **"Caspase-14 Expression Impairs Retinal Pigment Epithelium Barrier Function: Potential Role in Diabetic Macular Edema,"** *BioMed Research International* . Volume 2014, Article ID 417986, 11 pages
13. Khaled A. Hussein, Karishma Choksi, Sara Akeel, Saif Ahmad, Sylvia Megyerdi; Mohamed El-Sherbiny, Mohamed Nawaz; Ahmed Abu El-Asrar and Mohamed Al-Shabrawey. **Bone Morphogenetic Protein 2: a potential new player in the pathogenesis of Diabetic Retinopathy.** *Experimental Eye Research*, 125 (2014) 79-88.
14. Mohamed Al-Shabrawey, Mohamed Elsherbiny, Julian Nussbaum, Amira Othman, Sylvia Megyerdi, and Amany Tawfik. **Targeting Neovascularization in Ischemic Retinopathy: Recent Advances.** *Expert Rev Ophthalmol.* 2013 June ; 8(3): 267–286.

ABSTRACTS:

- Estrogen Receptors B Mediate The Protective Effect of Vitamin B12 on Seminiferous Tubular Epithelium of Cimetidine-Treated Rats. **Upcoming EXPERIMENTAL BIOLOGY 2017, April 22-25 Chicago IL, USA.**
- Ultrastructural Changes and Nestin Expression Accompanying Compensatory Renal Growth After Unilateral Nephrectomy in Adult Rats. **EXPERIMENTAL BIOLOGY 2016, April 2-5 San Diego CA, USA.**
- The Use of Facebook to Support Anatomy Learning. **EXPERIMENTAL BIOLOGY 2016, April 2-5, San Diego CA, USA.**
- Deletion of thioredoxin-interacting protein (txnip) protects against high fat diet induced steatohepatitis and liver injury. **50TH INTERNATIONAL LIVER CONGRESS, APRIL 22-26, 2015 VIENNA, AUSTRIA.**

- Deletion of thioredoxin-interacting protein (txnip) protects against high fat diet induced steatohepatitis and liver injury. **MICROBIOTA, METABOLISM AND NAFLD, FEBRUARY 26-28, 2015 INNSBRUCK, AUSTRIA.**
- Increased Retinal Endothelial Cell Permeability By 12/15-lipoxygenase-derived Eicosanoids: A Possible Role of NADPH Oxidase. **ARVO MEETING IN OPHTHALMOLOGY AND VISUAL SCIENCE RESEARCH** Orlando, Florida-USA, 4-8 May 2014.
- Caspase-14 Expression Impairs Retinal Pigment Epithelium Barrier Function: Potential Role in Diabetic Macular Edema. **5TH ANNUAL VISION DISCOVERY INSTITUTE SCIENTIFIC RETREAT, MARCH 2012, GEORGIA REGENTS UNIVERSITY, AUGUSTA, GA, USA.**

INVITED SPEAKER

- Implantation of Insulin-producing Cells from Human Umbilical Cord Blood Mesenchymal Stem Cells in The Liver and Its Potential to Cure Streptozotocin-induced Diabetes: An Animal Model Study. **Experimental Biology 2016, April 2-5 San Diego CA, USA.**

MEETING ATTENDANCE

- **THE 4TH ANNUAL INTERNATIONAL STEM CELL IN,** Cairo, Egypt, 11-12 November 2010.
- **QUALITY AND INSTITUTIONAL ACCREDITATION,** Mansoura, Egypt, 6th November, 2010.
- **3RD MANAGEMENT CAFE MEETING NEOTERIC MANAGEMENT** Mansoura, Egypt 26th March 2010.
- **The annual scientific conference “Quality assurance in scientific research”,** Mansoura Faculty of Medicine, March 2004, Egypt.
- **The annual scientific conferences of the Egyptian Anatomical Society in Al-Azhar University.**
- **The annual scientific conferences of Mansoura faculty of medicine.**

COURSES & WORKSHOPS ATTENDED:

- **QUALITY MANAGEMENT SYSTEM AUDITOR/LEAD AUDITOR TRAINING COURSE: SGS EGYPT LTD, EGYPT, 23-27 JANUARY 2011.**
- **QUALITY MANAGEMENT SYSTEM INTERNAL AUDIT COURSE ACCORDING TO ISO 19011/2002,** Mansoura, EGYPT 27-29 July.2010.

- **THE SECOND INTERNATIONAL CONGRESS OF PROGENITOR CELL RESEARCH**, Cairo university conference centre, *Egypt 12-13 June 2010*.
- **THE 1ST ANNUAL CONFERENCE OF MERC**. Mansoura faculty of medicine, *Egypt 8th April 2010*.
- **BASIC TECHNIQUE IN CELL CULTURE**, medical technology canter, Alexandria *Egypt, 21-23 February 2010*.
- **HOW TO COMPETE FOR A RESEARCH PROJECT COURSE**: *writing a good research proposal, reviewing it and make the adequate budget for it* from 7 - 9 December 2008, Faculty of science, Mansoura University
- **PLANNING FOR TOP QUALITY IN HEALTHCARE SERVICES COURSE**; *Project identification Identifying customers, Defining customer needs Service design, Process design, Identifying process controls* from 1/10/2008 to 1/12/2008 in the American University in Cairo.
- **QUALITY/ ENVIRONMENT SYSTEM STANDARDS IN HEALTHCARE COURSE**; *The standards for quality management system ISO 9000, The standards for environmental management system ISO 14001 and (JCI) Joint Commission International standards* from 1/7/2008 to 1/9/2008 in the American University in Cairo.
- **Improving Organizational performance course**; *Thoughts on Quality, Movements in Quality, The Quality Umbrella, Structure, Process, and Outcome, The Concept of Customer, The Healthcare Organization, Healthcare Delivery Settings, Process Analysis tools in Healthcare, Healthcare Organizations as Complex Systems, Strategic Planning for Healthcare Quality, Guiding the Organization, Leadership: Translating Strategic Goals into Quality Outcomes, Aligning Culture, Structure, Staff, Rewards, Information System, and Financial System to Support Quality* from 1/5/2008 to 1/7/2008 in the American University in Cairo.
- **People Management course**, *doctors' communications skills, team skills and people management* from 1/3/2008 to 1/5/ 2008 in the American University in Cairo.
- **A training course in Adult Learning and training of trainee** from 5/5/2008 to 8/5/2008 in the Mansoura Faculty of Medicine under supervision of well trained certified trainers.
- **Managing Information in Healthcare**; *Introduction, Planning your CQI Journey, Understanding Variation, Basic SPC concepts and the Run Chart, Control chart Theory Simplified, Statistical Process Control and Use of Control Charts, Drilling down into Aggregated Data, Issues with Control Charts, Limitations of Attribute Charts, Healthcare information system, Data Collection, Computational Techniques in Project*

Management (PERT) from 1/1/2008 to 1/3/ 2008 in the American University in Cairo.

- **Basic Six Sigma breakthrough improvement process Course**, *Define phase, Measure phase, Analyze phase Improve phase and Control phase* from 1/11/2007 to 1/1/ 2008 in the American University in Cairo.
- **A training course in Problem Based Learning** from 9/10/2006 to 11/10/2006 in the Suez Canal Faculty of Medicine.
- **Faculty and Leadership development Project** (Mansoura University) (11 courses).
- **OCCUPATIONAL HEALTH AND SAFETY COURSE:** *for dealing with the Laboratory Animals and species specific modules i.e. took the modules titled Laboratory Rats and Laboratory Mice. Medical college of Georgia, USA in November 2012.*
- **TISSUE CULTURE:** *Maintenance of cells, changing their media, splitting of cells and getting out their proteins for ELISA, Protein assay and Western Blot, Medical College of Georgia , USA, in March 2012.*
- **HOW TO GET A PERFECT WESTERN BLOT TECHNIQUE**, Medical college of Georgia, USA, *February 2012.*

SKILLLS:

- Trained in Mansoura medical research center (MERC) about several research techniques.
 - **Laboratory Technical skills:**
 1. Immunohistochemistry.
 2. Cell culture techniques.
 3. Separation and isolation of stem cell.
- **Language:** Arabic – English.
- **Computer skills:** ICDL certificated in 16/8/2007 (serial no: UN07061449).

MEMBERSHIP:

- Member in [American Association of Anatomist \(AAA\)](#), USA.
- Member in the Egyptian Anatomical Society, Egypt.
- Member in the Egyptian Society of Stem Cell, Egypt.
- Member of vision discovery institute (Georgia Regents University).
- Member of Association for Research in Vision and Ophthalmology (ARVO)

BOOKS:

- Human General Embryology.
- Human Pelvis and Head & neck.
- Practical Anatomy (Upper Limb, Thorax, Abdomen and Pelvis).

REFREES:

Professor Mohamed Al-Shabrawey
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Professor of forensic medicine and clinical toxicology
Mansoura Medical College
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