

Curriculum Vitae (Maha Houssen)



Full Name: Maha El- Sayed Mohammed Houssen

Current Mailing address: suez canal street , Mansoura 35111, Egypt.

Mobile: +201226082449.

E-mail address: mahahoussen@yahoo.com

Current position: Associate professor of Biochemistry and molecular biology since 18/1/2011 till now,

I- Professional background:

- **Head of Biochemistry and pharmacology department** , faculty of pharmacy ,damanhour university from 8/11/2012 till now
- **Associate professor of Biochemistry**, Biochemistry Dept., Faculty of Pharmacy, damanhour University, , Egypt; 1st July., 2011 – now.
- **Associate professor of Biochemistry**, Biochemistry Dept., Faculty of Pharmacy, Beni-Suef University, Beni-Suef 62511, Egypt; 18st Jan., 2011 – july 2011
- **lecturer of Biochemistry**, Biochemistry Dept., Faculty of Pharmacy, Beni-Suef University, Beni-Suef 62511, Egypt; 1st Jan., 2006 – till jan.2011
- **Ph.D. student, Biochemistry Department**, Faculty of Pharmacy, Tanta University, Tanta 31111, Egypt; Oct., 2002 – April, 2005.
- **Master student, Biochemistry Dept.**, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt; Oct., 1998 – March, 2002.
- **Hospital Pharmacist, Mansoura University Emergency Hospital**, Mansoura 35516, Egypt; Nov., 1997 – 31st Dec., 2005.
- **Hospital Pharmacist, Mansoura University Main Hospital**, Mansoura 35516, Egypt; Oct. 1997 – November 1997.

II- Education:

- Associate professor of biochemistry from 18 Jan 2011 till now
- Ph.D. (Biochemistry), May 2005, Biochemistry Department, Faculty of Pharmacy, Tanta University, Tanta 31111, Egypt.

- M. Sc. (Biochemistry), March 2002, Biochemistry Department, Faculty of Pharmacy, Mansoura University, Mansoura 35516, Egypt.
- B. Sc. (Pharmaceutical sciences), Very Good, May 1997, Mansoura University, Mansoura, Egypt.

III- Teaching experience:

- Biochemistry (Undergraduate 3rd & 4th year Pharmacy Students).
- Advanced Biochemistry course for postgraduate students.

IV- Thesis supervision:

- M. Sc. Thesis of M. E. shaker, “Role of some antioxidants in studying oxidative stress induced experimentally in rat liver either by diabetes or liver fibrosis”.
- M. Sc. Thesis of M. M. El-Haron “Plasma inflammatory markers of atherosclerosis: Effect of suggestive immunomodulatory Drugs”.
- M. Sc. Thesis of M. O. Mohamed “Effect of glycemic control on cardiovascular dysfunction and oxidative stress in type II diabetes mellitus”.
- M. Sc. Thesis of R. M. Hussein “Gene polymorphism of alpha-1- antitrypsin and IL-6 in patients with chronic liver diseases”.
- M. Sc. Thesis of I. T. Badawi “Some biochemical effects of rosiglitazone and metformin alone or in combination with selenium on glucose, lipid profile and oxidative states in streptozotocin- induced Diabetes in rats”.
- M. Sc. Thesis of M. Emil “ sulphonylurea receptor polymorphism in patients with type II diabetes
- M. Sc. Thesis of yasmine saeed “ vitamin D and liver fibrosis :effect of ACE inhibitors
- **V- Research interests:**
- Studying molecular mechanisms of diseases and discovering new biomarkers of different diseases.

VI- Experiences:

- Good experience with ELISA, chemluminescent and immunodiffusion assays.
- Good experience with ion-exchange chromatography, HPLC and gel electrophoresis.
- DNA extraction, polymerase chain reaction, restriction fragment length polymorphism and amplification refractory mutation system techniques.
- Good experience with computer Microsoft Office programs.
- Excellent command of English (reading – writing). **Toeffel IBT SCORE 82**
- Good French.

VII- Workshops and Conferences:

A) Workshops

- Applications of High Performance liquid chromatography workshop, Faculty of Medicine, Mansoura University, Mansoura 35516, Egypt, Feb. 17th, 2009.
- A one month training course on DNA extraction, PCR and gel electrophoresis, Genetic Diseases Unit, Children Hospital, Faculty of Medicine, Mansoura University, Mansoura 35516, Egypt.
- Many workshops on quality assurance and accreditation of higher education in Egypt covering the credit hours system, the using of technology in teaching, the syllabus construction, the code of Ethics and the effective presentation.
- Annual stem cell workshop on Monday 27/4/2009 as part of the activities of the annual conference of the Egyptain Society of Biochemistry and Molecular Biology.
- Annual workshop of rapid diagnosis of viral infections and cell culture practice in the virology unit in medical and immunology department from 14th to 17th March 2010.
- A course entitled Hands On Basic Techniques needed in the use of Laboratory Animals in Experimental Medicine and Research Held at the medical Technology Center from 27-29 June,2010
- A course entitled Hands On Basic Techniques ON STEM CULTURE APPLICATIONS Held at the medical Technology Center from 13-16NOV ,2011

B) Conferences (Active participant)

- The 2nd Scientific Conference of Medical Biochemistry Department, Faculty of Medicine, Mansoura University in collaboration with the Egyptain Society of Biochemistry and Molecular Biology, Egypt, Feb. 21st, 2009.
- The 2nd Scientific Conference of Clinical Pathology Department, Faculty of Medicine, Zagazig University, Zagazig 44519, Egypt, Feb. 18th, 2009.
- The IX Annual Scientific Conference of Clinical Pathology Department, Faculty of Medicine, Mansoura University, Mansoura 35116, Egypt, 7th May, 2008.
- Annual Scientific Congress of the Egyptain Society of Biochemistry and Molecular Biology, Egypt, April 22nd, 2008.
- The 1st Scientific Conference of Medical Biochemistry Department Faculty of medicine, Mansoura University in collaboration with the Egyptain society of Biochemistry and Molecular Biology, Egypt, Feb. 14th, 2008.
- Annual Scientific Congress of the Egyptian Society of Biochemistry and molecular Biology, Egypt, April 19th, 2007.
- Annual Conference of the Egyptian Society of Laboratory Medicine, Egypt, March 21st, 2007.
- The 8th Annual Scientific Conference of Clinical Pathology Department, Faculty of Medicine, Mansoura University, Mansoura 35516, Egypt, Nov. 14th, 2006.

- Annual Scientific Congress of the Egyptian Society of Biochemistry and molecular Biology, Egypt, April 19th, 2012.
- **International congress of autoimmunity held in nice france 26-30 march 2014 (poster presentation)**

VIII- List of Publications:

International publications:

Peer reviewed:

- 1- M., Ghanem, E. Sadek, A. Helal, A. Gamal, A. Eldiasty, N. I. Bakre, M. Houssen (2009):** The Effect of luteal phase support protocol on luteal phase serum estradiol and progesterone and cycle outcome in intracytoplasmic sperm injection cycles: A randomized clinical trial. ***International J. Fertility Sterility (92),No(2).486-493***
 - 2- M. E. Shaker, M. E. Houssen, E. M. Abo Hashem, T. M. Ibrahim (2009):** Melatonin ameliorates oxidative stress caused by Carbon tetrachloride more than that caused by Diabetes mellitus. Comparison with vitamin E and L-Carnitine. ***International J. Physiol. Biochem*65 (3), 225-234,**
 - 3- Shalabi N. M., and Houssen M. E. (2009):** Discrepancy between the tuberculin skin test and the serum interferon Gamma in diagnosis of tuberculosis infection in contacts. ***International Journal of clinical Biochemistry(42): 1596-1601.***
- 4-Dina Shahin D., Ehab Eltoraby.,Mesbah,A. and Maha Houssen (2010):** Insulin Resistance in early untreated rheumatoid arthritis patients. ***International Journal of Clinical Biochemistry 43:661-665***
- 5- Maha E. Houssen Amany RagabAbeer Mesbah Ayman Z. El-Samanoudy, Gamal Othman, Amal Fathy Farid A. Badria: (2010)** Natural Anti-inflammatory products and Leukotriene Inhibitors as Complementary Therapy for Bronchial Asthma. ***International Journal of Clinical Biochemistry (43):887- 890***

6- **Maha E. Housssen^{1*}** , **Mona M. Haron**², **Sheren S. Metwally**³, **Tarek M. Ibrahim** (2010): Effect of immunomodulatory drugs on plasma inflammatory markers in rabbit model of atherosclerosis. **International journal of physiology and biochemistry** (67): 115-120

7- **Mohamad E. Ghanem & Laila A. Elboghdady & Mohamad Hassan & Adel S. Helal & Ahmed Gibreel & Maha Housssen & Mohamed E. Shaker & Ibrahiem Bahlol & Yaser Mesbah** (2013): Clomiphene Citrate co-treatment with low dose urinary FSH versus urinary FSH for clomiphene resistant PCOS: randomized controlled trial. **J Assist Reprod Genet**
DOI 10.1007/s10815-013-0090-2

8- **Maha E. Housssen**^{1*}, **Abeer mesbah**², **Mona Arafa**³, **Dina shahin**⁴ Impact of insulin resistance and hyperferritinemia on Serum interferon gamma and early virological response to interferon therapy among Egyptian HCV patients **Life Science Journal** 2014;11(1s)

9- **Mohamed E. Shaker** ^{a,†}, **Sylvia A. Ashamalla** ^b, **Maha E. Housssen** :Celastrol ameliorates murine colitis via modulating oxidative stress, inflammatory cytokines and intestinal homeostasis **Chemico-Biological Interactions** **Chemico-Biological Interactions** 210 (2014) 26–33

10- **Maha E. HOUSSEN**¹, **Rasha H. EL-MAHDY**² and **Dina A. SHAHIN**³ Serum soluble toll-like receptor 2: a novel biomarker for systemic lupus erythematosus disease activity and lupus-related cardiovascular dysfunction. **In press in international journal of rheumatic disease**

National publications

7- **Tarek M. K. Motawi, Maha E. Housssen, Mohamed O. Mahmoud, Mohamed A. Abou-Seif** (2009): Effect of glycemic control on endothelial dysfunction and oxidative stress in normotensive and hypertensive type 2 diabetics. **Egypt. J. Biochem. Mol. Biol Vol 21 February. 159-175.**

8- **Ayman Z. EL-Samanoudy, Maha E. Housssen, Amal K. Slim, Wagih M. Ghnam, Mohamed E. EL-Helaly** (2008): Role of cytochrome p450 2D6

(CYP2D6)*4 polymorphism, oxidative stress and ferritin in benign and malignant breast diseases *Egypt. J. Biochem. Mol. Biol.* **26**: 171-186.

26: 171-186.

9-Amal F. Mostafa, Maha E. Houssen (2007): Systemic oxidant and antioxidant imbalance in smokers, patients with COPD, and Bronchial asthma. *Egypt. J. Chest Diseases Tuberculosis* **55** (2): 70-76.

10--El-Bahrawy H. A.; EL-Ashmawy N. E.; Abo-Hashem E. M.; EL-Kannishy G. M. and Houssen M. E. (2005): Significance of circulating levels of N-terminal pro brain natriuretic peptide and cyclic Guanosine monophosphate as prognostic markers of congestive heart failure. *Arab J. Lab. Med.* **31** (2): 211-225.

7-Maha Houssen, samy abdel azim, Ibrahim Badawi and Tarek Motawi (2012): Effect of metformin, Rosiglitazone alone or in combination with selenium on different biochemical parameters in diabetic rats. *Egypt. J. Biochem. Mol. Biol.* **28**:297-312.

IX-Additional experiences:

- 1- Member of the Egyptian society of Biochemistry and molecular Biology
- 2- Reviewer for the International journal BMC For Biochemistry. , Iranian journal of immunology and journal of medical science

X-Thesis:

- **Houssen, Maha E.** "Significance of the Circulating Levels of Brain Natriuretic Peptide in Diagnosis and Management of Congestive Heart Failure" Ph.D. thesis, Tanta University, Egypt, 2005.
- **Houssen, Maha E.** "Some biochemical markers of diabetic nephropathy and effect of diabetic control on them" M.Sc. thesis, Mansoura University, Egypt, 2002.

