CURRICULUM VITAE

Dr. Hanan Hassan Fouad Ahmed

Professor of Medical Biochemistry, Faculty of Medicine, Cairo University

Cairo University Scholar website

<http://scholar.cu.edu.eg/?q=hanan_fouad/classes/hanan-fouad-professor-medical-biochemistry-and-molecular-biology>

Google Scholar website

<http://scholar.google.com/citations?user=EgXi8vkAAAAJ&hl=en>

Who is Who Number: 35599242

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Professor of Medical Biochemistry, Faculty of Medicine, Cairo University

PERSONAL DATA :

* **Name : Hanan Hassan Fouad Ahmed.**
* **Date / place of borth : 18th July , 1961 , Cairo, Egypt.**
* **Nationality : Egyptian.**
* **Religoun: Moslem.**
* **Marietal status : married.**
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***SCIENTIFIC DEGREES:***

1. **M.B., B.Ch. in Medicine and Surgery in November, 1985.**
2. **M. Sc. Medical Biochemistry in November 1990.**
3. **M.D. Medical Biochemistry in November 1994.**

***A PRIZE and Awards:***

* + **Won the Encouragement Prize from The Academy of Scientific Research and Technology of Arab Republic of Egypt on June 2005.**
	+ **The ISSM/Pfizer Congress Celebration Award (2005) from the International Society of Sexual Medicine for distinguished research team work on Heme Oxygenase and its application in erectile function (6000 US $).**
	+ **The Jean Francois Ginestie Prize for the best experimental and basic medicine paper from the 12th ISSM International Congress , Cairo , Egypt, September 2006.**

***CHRONOLOGY OF EMPLOYMENT:***

* **Internship in Faculty of Medicine, Cairo University: 1986-1987.**
* **Instructor of Medical Biochemistry, Faculty of Medicine,**

 **Cairo University: 1988- 1991.**

* **Assistant lecturer of Medical Biochemistry, Faculty of**

 **Medicine, Cairo University : 1991 –1995.**

* **Lecturer of Medical Biochemistry, Faculty of Medicine,**

 **Cairo University : 1995 - 2001.**

* **Assistant Professor of Medical Biochemistry, Faculty of Medicine , Cairo University : 2001-2006.**
* **Professor of Medical Biochemistry, Faculty of Medicine , Cairo University : 2006 till now.**
* **Director of Unit of Biochemistry, Faculty of Medicine , Cairo University : 2010 till now**

**M.Sc. Thesis:**

**Title: Serum amino acid profile in schistosomal infested experimental animals .**

**Aim of work: To study serum amino acid profile in different stages of schistosoma mansoni infested hamsters and to correlate serum aminogram with progression of hepatic pathology and liver cell functions .**

**Investigated parameters and applied methods:**

1. **Serum amino acid using cation exchange chromatography amino acid analyser of Beckman**
2. **Histo pathological examinations of liver sections at different stages of infestation .**
3. **Liver functions as ALT, AST , Alkaline phosphatase and GGT.**

 **Through this work I received training on HPLC, cation exchange resin column chromatography technique in the amino acid analyser and spectrophotometry.**

**M. D. Thesis:**

**Title: The role of endotoxin in liver injury**

**Aim of work: To study endotoxemia and Kupffer cell functions in two forms of liver injury : Bilharzial liver disease , and CCl4 induced liver cirrhosis .**

**Determined parameters:**

1. **Plasma endotoxin levels .**
2. **Total collagen content in liver tissues.**
3. **Liver tissue fibronectin.**
4. **Histopathological examination of liver slices .**

***TEACHING:***

1. **Theoretical and practical laboratory teaching of medical biochemistry and molecular biology for undergraduate and postgraduate, M.Sc and M.D. medical students at Faculty of Medicine, Cairo University, Beny Suif University, El-Fayoum University, Faculty of Dentistry students, Medical Engineering students of Faculty of Engineering, Chemistry Students of Faculty of Science, Cairo University. M.Sc and M.D. postgraduate of clinical sciences as Cardiology, Internal medicine and other specialities.**
2. **Presenting seminars on :**
	* **Biochemical and molecular basis of genetic diseases.**
	* **Molecular diagnosis of chromosomal translocations in acute lymphoblastic leukemia .**
	* **Writing and presenting a review article on flavoprotein enzymes .**
	* **Molecular aspects, diagnosis of fragile X syndrome .**
	* **Oxidative stress and diseases.**
	* **Writing and presenting a review article on gene therapy of cancer and molecular transplantation.**
	* **Gene Therapy in clinical transplantation.**
	* **Cardiac Metabolism.**
	* **Stem cell, scientific background and applications.**

**Published Books for Undergraduate Students:**

**1. Throughou breakthrough in Biochemistry for first year undergraduate medical students.**

**2. Life at the molecular level for second year undergraduate medical students.**

**TRAINING COURSES:**

1. **Attending a training programs on high performance liquid chromatography and gas liquid chromatography on April 1995 At the agents of LDC-MILTON ROY , Waters and Varian companies in EGYPT and I had publications that are made by HPLC and GC techniques.**
2. **Attending a training course on amino acid analyzer at medical biochemistry department, faculty of Medicine , Cairo University under supervision of the agent of BECKMAN MEDICAL COMPANY in Egypt and my M.Sc thesis was assessing of serum amino acids in schistosomal liver disease by HPLC .**
3. **Attending a training program on Molecular Diagnostics, at the Unit of Biochemistry and Molecular Biology, Faculty of Medicine, Cairo University on May 2001, applying molecular biology techniques in medical diagnosis such as polymerase chain reactions, In-Situ PCR, In-Situ hybridization, DNA synthesis by BECKMAN DNA synthesizer, DNA sequencing by applyied biosystems DNA sequencer.**
4. **Attending a training program, 16- 25 July, 2001 on basic techniques in GENE THERAPY protocols at Hammersmith hospital, IMPERIAL COLLEGE, LONDON and RAYNE INSTITUTE, KINGS COLLEGE, LONDON, and attending a conference on cancer gene therapy on July 2001 , Cumberland Hotel , Marble Arch . London.**
5. **Attending a training program on inferential medical statistics on 22nd – 24th November, 2005 in Medical Education Development Center (MEDC), Faculty of Medicine, Cairo University.**
6. **Attending a training program on 14th – 24th May, 2005 in Curriculum Development and Research Methodology in Medical Education Development Center, Faculty of Medicine, Cairo University, financed by the project entitled: Faculty and Leadership Development Project , Cairo University.**
7. **Getting online trainig program from Collaborative Insitutional Training nitiative (CITI), University of Miami, USA on Good Clinical Practice – EGYPTIAN Hepatitis C Trial on January , 2009**
8. **Attending a workshop On Research Ethics and Good Clinical Practice presented by Eyptian Society for Heathcare Development. The program was supervised by a Sponsor representative from Universit of Maryland, School of Medicine. Middle East Research Ethics Training Initiative (Mereti) was sponsored by US-EgyptianScience & Technology Development Fund. January , 2009**
9. **Attending a workshop on Isolation, Proliferation of Adult stem cells conducted on 17th, 18th May, 2010, at Clinilab Company under supervision of the Egyptian Society of Haematology and VACSERA.**
10. **Attending a workshop on Stem Cells: Isolation, *Ex-Vivo* differentiation conducted on 14th June, 2010, at Clinilab Company under supervision of the Egyptian Society of Haematology and VACSERA.**

**Other Professional Appointment & Public Services:**

* **Member of the Council of the Unit of Biochemistry and Molecular Biology, Cairo University, Faculty of Medicine.**
* **Member of the Egyptian Medical Society for Applied Genetic Engineering and Biotechnology.**
* **Member of the Scientific Egyptian Society of Biochemistry and Molecular Biology.**
* **Member of Society of Friends of Liver Diseases Patients in Arab World founded by the Late Professor Dr. Yassin Abdel Ghaffar**
* **Member of the International Society for Cancer Gene Therapy, Imperial College School of Medicine, Liver Surgery Section. Hammersmith Hospital Campus, Du Cane Road London W12 ONN.**
* **Member of the International Society Group for Stem Cell Therapy.**
* **Member of The Editorial Board of Journal of Medical Molecular Biotechnology**
* **Member of the Promotion committee for professors of medical biochemistry from 2008 till now Supreme Council of Egyptian Universities, Ministry of High Education**
* **Member of evaluators in Acdemy of Scientific Research and Technology for scientific projects, Ministry of High Education, Egypt**

**Shared in the following Scientific Projects:**

* **Study of Liver Disease in Egypt. ( P.I. Prof. Dr. Yassin A.Ghaffar ). Maxi project No.84204. Funded through University Linkage Project with FRCU of the supreme council of Universities.**
* **Upgrading a Research and Diagnostic Center for diagnosis of Infectious Diseases in ARE (P.I. Prof. Dr. Mohamed T. Abdel-Aziz). Ministry of Planning and International Co-operation.**
* **Participation on a US-Egyptian STDF projects of Science & Technology Development Fund on the use of CD34 stem cell for end stage liver disease (January, 2009)**
* **Development of a water soluble derivative of a herbal drug for management of erectile dysfunction and diabetes mellitus.**
* **Use of mesenchymal stem cells in management of hepatocellular carcinoma in vivo and in vitro.**
* **Proteomic Profile of HCV-induced HCC; Development of Noninvasive Circulating Biomarkers for Monitoring HCV-cirrhotic Patients. P.I. Hanan H. Fouad, STDF project ID 4962**

**Writing the following scientific projects:**

* + **Applications of stem cell and/or gene therapy in the management of of liver disease and erectile dysfunction. This project was submitted on 18th November, 2005 to The Academy of Science and Technology for development of uniqueness center in The Unit of Biochemistry and Molecular Biology, Faculty of Medicine, Cairo University (P.I. Prof. Dr. Mohamed T. Abdel-Aziz ).**
	+ **Applications of Interferon alpha and heme oxygenase gene therapy for the management of of liver disease and erectile dysfunction. This project was submitted on 29th November, 2005; to the Egyptian Research and Development Company, a section of The Holding Company of Pharmaceuticals (P.I. Prof. Dr. Mohamed T. Abdel-Aziz ).**
	+ **Use of Mesenchmal stem cells in age associated erectile dysfunction. Egyptian/ United States of America Joint Research Grants**
	+ **Use of mesenchymal stem cells in management of hepatocellular carcinoma in vivo and in vitro.**

***PUBLICATIONS***

1. **Serum amino acid profile in schistosomiasis infested hamsters. Published in The Egyptian Journal of Biocheistry, Vol. 10, No. 2, 1992: 280 – 294.**
2. **Apolipoprotein (a) and dyslipidemia as independent risk factors for macro and micro angiopathy in type II diabetic patients ( M.D. thesis). Published in Egypt. Soc. Physiol. Sci. ,15(1). 1995. 310 – 322.**
3. **Histamine and plasma lipids as risk factors in diabetics with and without retinopathy, (M.Sc thesis) Published in Bull. Egypt. Soc. Phsiol. Sci. 15(1), 1995. 285 – 292.**
4. **Role of endotoxin in liver injury (M.D. thesis). International Publishication in J. Clin. Biochem. Nutr. 22, 19 – 29 , 1997**
5. **Lipoprotein (a) in idiopathic nephrotic syndrome of different histo-pathological types, (M.Sc. thesis) Published in the Egyptian Journal of Biochemistry. 16(1), 1998. 131 – 138.**
6. **IGF-1 and Laminin levels in diabetics with and without retinopathy. (M.D. thesis) Published in the Arab. J. Lab. Med. 24(3), 1998. 375 - 382.**
7. **Assessment of bone mineral density before and after exercise training in postmenopausal women. International Publication in Japan, Journal of Clinical Biochemistry and Nutrition, 24: 53- 57 , 1998 . Japan .**
8. **Selenium and lipid peroxidation in uremia patients on maintenance hemodialysis , published in the Egypt. J. Lab. Med. 11(1), 1999. 127 – 135.**
9. **Oxidative stress in uremic Egyptians (M.Sc thesis) . Published in the Arab. J. Lab. Med. 25(3) , 1999. 339 – 344.**
10. **Effect of Interferon alpha therapy on oxidative stress in hepatitis C virus infection. Published in Arab J.Lab. Med. 25(3) , 1999. 345 – 354.**
11. **Antioxidant micronutrients status alterations in childhood malignancy. Published in the Egypt J. Lab Med. 11(1) 1999. 15 – 26.**
12. **Natural Killer cells and soluble interleukin –2 receptors in childhood malignancy. Published in the Egypt. J. Lab Med. 11(1) , 1999. 27 – 40.**
13. **Role of free radicals in the pathogenesis of rheumatoid arthritis (M.Sc thesis) . Published in the Arab J. Lab Med. 26(1), 2000. 135 – 142.**
14. **Biological study on antioxidant vitamins in NIDDM patients with and without diebetic retinopathy (M.Sc thesis) . Presented as poster in the 3rd International Congress of Federation of African Societies of Biochemistry and Molecular Biology, November 14th– 16th, 2000 Cairo, Egypt.**
15. **Effect of interferon therapy on fatty acid saturation index in hepatitis C virus infection.** [**Abdel Aziz MT**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel%20Aziz%20MT%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Abdel-Ghaffar Y**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel-Ghaffar%20Y%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Fouad HH**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fouad%20HH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Abdel Aziz DM**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel%20Aziz%20DM%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**el-Magd AA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22el-Magd%20AA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**East Mediterr Health J.** **2001 Jul-Sep;7(4-5):779-86**
16. **TNF-alpha and homocysteine levels in type 1 diabetes mellitus.** [**Abdel Aziz MT**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel%20Aziz%20MT%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Fouad HH**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fouad%20HH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Mohsen GA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mohsen%20GA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Mansour M**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mansour%20M%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Abdel Ghaffar S**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel%20Ghaffar%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**.** **East Mediterr Health J.** **2001 Jul-Sep;7(4-5):679-88.**
17. **A study for some cardiovascular risk factors in hypothyroidism. Effect of thyroid hormone replacement therapy. Published in The Egyptian Journal of Biochemistry and Molecular Biology, 2001 (19): 15 – 25.**
18. **T–cell derived cytokines and TCR - V*B* gene expression in type I diabetes , published in KASR EL-AINI Medical Journal , volume 8 , No 4 , July, 2002 . 295 – 310.**
19. **Retrovirus – mediated HO-1 gene transfer into rat endothelial cells , Effects of inducers of HO-1 on eicosanoids and mediators . Presented as poster in Second International Conference on Heme Oxygenase (HO/CO) and Cellular Stress Response (Gene Therapy), Catania Italy, June 6 – 9 , 2002. BIOCHIMICA CLINICA, Italy , 2002, Vol 26, No. 4 : 352 – 357.**
20. **Molecular diagnosis of different types of chromosomal translocations among Egyptian children with acute lymphoblastic leukemia, presented as poster in The sixth international conference of oncology & surgery, gastroenerology, Towards a healthy liver in Egypt. April 10 – 12 , 2002. BIOCHIMICA CLINICA, Italy , 2002, Vol 26, No. 4 : 358 – 363.**
21. **Antioxidant vitamins and risk of senile nuclear cataract. Kasr El-Aini Medical Journal. Vol 8, No. 5, suppl, 2002 : 227 – 235.**
22. **Essential fatty acid status in infants and children with chronic liver disease.** [**Abdel-Ghaffar YT**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel-Ghaffar%20YT%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Amin E**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Amin%20E%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Abdel-Rasheed M**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel-Rasheed%20M%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Fouad HH**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fouad%20HH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**.** **East Mediterr Health J.** **2003 Jan-Mar;9(1-2):61-9.**
23. **Evaluation of cutaneous levels of Interleukin-12 and Interleukin-18 in mycosis fungoides. Published in Bull. Egypt, Soc. Physiol. Sci.; 23(2) 2003.**
24. **Urine type IV collagen and endothelin-1 in different stages of diabetic nephropathy: diagnostic and prognostic significance. The Egyptian Journal of Biochemistry, Vol 21, No2, 2003: 245 – 261.**
25. **Atherogenic and thrombogenic risk factors in cerebrovascular strokes and coronary heart disease. The Egyptian Journal of Biochemistry. Vol. 21, No. 1 , 2003: 29 – 39.**
26. **Assessment of nitric oxide and prostaglandins levels in different pathological types of glomerular diseases. International Medical Journal (Japanese), 2003 (10): 109 – 112.**
27. **Prothrombotic state in systemic lupus erythematosus. Kasr El-Aini Medical Journal, 9(1), suppl. : 243 – 257. 2003.**
28. **Assessment of diastolic and systolic left ventricular function by tissue doppler imaging in patients with type 2 diabetes mellitus: predictive value of B-Natriuretic peptide. Published in the Medical Journal of Cairo University, Vol71, No. 4 , 2003 : 1 – 9.**
29. **Serotonin and its metabolite 5-hydroxyindoleacetic acid in neurophysiology of headache. J. Clin. Biochem. Nutr. 33: 95 – 100, 2003. JAPAN.**
30. **Stearoyl Coenzyme A desturase expression in hepatocellular carcinoma and chronic viral hepatitis. Presented in 7th International Conference of Oncology and Gastrointestinal Malignancies, Stella Di Mare; Ain- Soukhna , April ; 2002. Published in the Arab Journal of Laboratory Medicine, 2004 (30): 365 – 375.**
31. **Effect of laser therapy on VEGF and TGF-B in psoriasis. Presented in 7th International Conference of Oncology and Gastrointestinal Malignancies, Stella Di Mare; Ain- Soukhna , April ; 2002. Published in the Arab Journal of Laboratory Medicine, 2004 (30): 377 – 385.**
32. **Effect of inducible Nitric oxide synthase and heme oxygenase inducers on molecular signaling of erectile function. M.T.Abdel-Aziz; M.F.El – Asmar; M.Taymour; H.Atta; M.A. Wassef; Hanan Fouad; Nagwa Kamal; Laila Rashed Dina Sabry and A. Abdel-Aziz; Published in J. Med. Mol. Biotechnology. JMMB , 2004 2(1): 51 – 66.**
33. **Plasma levels of B-type Natriuretic peptide in diabetic nephropathy. Published in the Medical Journal of Cairo University, 2004, 72(3): 247 – 259.**
34. **Protective effects of interferon alpha gene therapy against carbon tetrachloride induced liver cirrhosis in rats. M.T. Abdel. Aziz, H. Salama., Wassef M.Abdel Aziz., Hanan. H. Fouad., Laila .A. Rashed., Abdalla Samira. Published in J. Med. Mol. Bio. Technology. JMMB , 2004 2(1): 67 – 84.**
35. **Induction of heme oxygenase gene by a single and repeated injections of different doses of hemin : effect on erectile signaling in rats. M.T. Abdel Aziz, M.F. El-Asmar, S. Mahfouz, T. Mostafa, H. Atta, M.A. Wassef, R. K. Kader, H.H. Fouad, G. Mohsen, N.K. Roshdy, L.A. Rashed, D.A. Sabry. Published in The Egyptian Journal of Biochemistry and Molecular Biology, 2005, 23: 67 – 86.**
36. **Gene expression of heme oxygenase-l; relationship to fibrogenic and poptotic factors in murine schistosomiasis. International Conference of Oncology and Gastrointestinal Malignancies, Stella Di Mare; Ain- Soukhna , April 21st - 23rd ; 2004. J. Clin. Biochem. Nutr. (36): 67 - 78 Japan,2005.**
37. **Effects of Nitric Oxide Synthase and Heme Oxygenase Inducers and Inhibitors on Molecular Signaling of Erectile Function. J Clin Biochem Nutr VOL.37; NO. 3; PAGE. 103-111; (2005).**
38. **Interferon-alpha gene therapy prevents aflatoxin and carbon tetrachloride promoted hepatic carcinogenesis in rats.** [**Aziz TA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Aziz%20TA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Aziz MA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Aziz%20MA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Fouad HH**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fouad%20HH%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Rashed LA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Rashed%20LA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Salama H**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Salama%20H%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Abd-Alla S**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abd-Alla%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Wehab MA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Wehab%20MA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Ahmed T**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Ahmed%20T%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**.** **Int J Mol Med.** **2005 Jan;15(1):21-6**
39. **Genetic polymorphism of the angiotensin converting enzyme in type II diabetics with and without microalbuminuria , Published in Journal of Medical Molecular Biotechnology, 2005 (3): 51 – 66.**
40. **Mehtylation Profiling of CpG islands in the promoters of p15 and p16 genes in hepatocellular carcinoma: correlation with HCV associated infections and pathological parameters : Published in : the Arab Journal of Laboratory Medicine, 2006, 32(1): 151 – 161.**
41. **Methylation status of CpG islands in the promoters of p15 and p16 genes in urinary bladder cancer; correlation with adjacent mucosa and pathological parameters. Egyptian Jounal of Urology, 2006, 13(1): 41 – 48.**
42. **Expression of wild p53, mutated p53 and hypoxia inducible factor-1α in hepatocellular carcinoma Hanan H. Fouad , Hanan Abdel Hamid, Heba Morad, Odette Wahba, Randa Talaat. The Medical Journal of Cairo University. 2007, 75 (1, Suppl.): 209 – 217**
43. **Human peroxisome proliferator-activated receptor -2 (PPAR 2) Pro12 Ala polymorphism: A possible association with risk of diabetic nephropathy in type 2 diabetes. Nehal H., Hanan Fouad, Laila Rashed. The Medical Journal of Cairo University. 2007, 75 (1, Suppl.): 155– 162.**
44. **Serum Interleukin Levels in Asthmatic Patients with Eosinophilia . The Medical Journal of Cairo University, 2007, 75(1, Suppl.): 75 – 81.**
45. **Heme oxygenase vs. nitric oxide synthase in signaling mediating sildenafil citrate action.** [**Abdel Aziz MT**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Abdel%20Aziz%20MT%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**El-Asmer MF**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22El-Asmer%20MF%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Mostafa T**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mostafa%20T%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Mostafa S**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mostafa%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Atta H**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Atta%20H%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Aziz Wassef MA**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Aziz%20Wassef%20MA%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Fouad H**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fouad%20H%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Rashed L**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Rashed%20L%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Sabry D**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Sabry%20D%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**,** [**Mahfouz S**](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Mahfouz%20S%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstract)**J Sex Med.** **2007 Jul;4(4 Pt 2):1098-107. Presented in the 12th International Society of Sexual Medicine Congress, May 2006. This work was awarded the International Society for Sexual Medicine (ISSM)/Pfizer Congress project awards/2005 and was presented in the 12thWorld Congress of the ISSM, Cairo, Egypt, September 2006.**
46. **Therapeutic Potential of Bone Marrow-Derived Mesenchymal Stem Cells on Experimental Liver Fibrosis.** **Clin Biochem.** **2007;40(12):893-9.**
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**SUPERVISED UNPUBLISHED THESIS :**

* 1. **Effects of exercise training on bone mineral density in osteoporosis of various aetiology (M.D. thesis) .**
	2. **Effect of beta – blockers (carbidilol) on apoptosis in heart failure .**
	3. **Growth factore (VEGF – TGF-B) in skin diseases , psoriasis , scleroderma, vitilgo**
	4. **IL 18 in TB.**
	5. **Homocysteine in renal transplantation.**
	6. **Genetic basis of Fragile X syndrome .**
	7. **HO-1 effect on Apoptosis , P53, caspases, TNF-a , HIF1 - a genes in hepatocellular carcinoma cell line .**
	8. **Phospholipids in male infertility .**
	9. **Evaluation of nitric oxide level and glutathione reductase in the varicocele veins and seminal plasma.**
	10. **Predicitive markers of type 1 diabetes in sibs of patients. A pilot study.**
	11. **Genetic basis of congenital familial hypertrophic cardio-myopathies .**
	12. **Alterations in cortisol metabolism and angiotensin converting enzyme inhibitor gene in type 1 diabetes mellitus.**
	13. **Protective effect of curcumin in experimental type I and type II diabetes in mice.**
	14. **HLA-DQ high risk alleles in Egyptian type I diabetics . M.T. Abdel Aziz; H. H. Fouad; Laila A. Rashed; Sherin Abdel Ghaffar, Ghada Anwar, Anan A.**
	15. **A Novel Herbal Drug Mediating Erectile Signaling Talaat Abdel Aziz 1, Taymour Mostafa 2, Hazem Atta 1, Hanan Fouad 1, Laila Rashed 1, Dina Sabry 1 , Amira Hassouna 1, Amira Sonbel 3 ­­.**
	16. **Study of the effects of anti-hypertensive drugs and HO-1 gene inducers on erectile signaling in experimental diabetes. Talaat Abdel Aziz 1, Soheir Mahfouz 2, Taymour Mostafa 3, Hazem Atta 1, Hanan Fouad 1, Laila Rashed 1, Dina Sabry 1 , Ahmed T Abdel Aziz 1 , Nader G. Abraham**
	17. **Use of mesenchymal stem cell in experimental azospermia in rabbits.**
	18. **Use of mesenchymal stem cell in experimental hepatocellular carcinoma.**

***Attending the following conferences :***

1. **The Eighth Annual Kasr El-Aini Medical Congress, Cairo Egypt ( 1996 ).**
2. **The Ninth Annual Kasr El-Aini Medical Congress, Cairo Egypt ( 1997 ).**
3. **The First International conference of gastrointestinal tumours, Cairo Egypt (May, 1997).**
4. **The Tenth Annual Kasr El-Aini Medical Congress, Cairo Egypt ( 1998 ).**
5. **The second International conference of oncology diagnostic unit, Ismailia Egypt (April-1998).**
6. **The second International conference for biotechnology. CICC-CAIRO-EGYPT (October, 1998)( Interlab, 1998).**
7. **The third International conference of oncology diagnostic unit, Ismailia Egypt (April-1999).**
8. **The Eleventh Annual Kasr El-Aini Medical Congress, Cairo Egypt (1999).**
9. **The Twelfth Annual Kasr El-Aini Medical Congress, Cairo Egypt ( 2000).**
10. **The third International Congress of the African Societies of Biochemistry and Molecular Biology (FASBMB) (November, 2000)**
11. **The tenth International conference on Cancer Gene Therapy , JULY , 2001 Marble Arch , LONDON.**
12. **The first arab congress of the Egyptian Society of Laboratory Medicine . Advanced Laboratory Technology, The quest for the best , April 20 – 22, 2002 Cairo, Egypt.**
13. **The Fourth Annual Conference, Internal Medicine Department, Faculty of Medicine, Cairo University, Cairo Egypt, 2002, June 26 – 27.**
14. **The sixth international conference of oncology & surgery, gastroenerology, Towards a healthy liver in Egypt. April 10 – 12 , 2002.**
15. **Second International Conference on Heme Oxygenase (HO/CO) and Cellular Stress Response ( Gene Therapy ) , Catania Italy, June 6 – 9 , 2002 .**
16. **The 7th International Conference of Oncology , Breast Cancer; Current Status & Future Prospects. Stella Di Mare –Ain Soukhna, April ; 16 – 18 , 2003.**
17. **The 4th annual International Conference; Recent Advances In Health Care. October 6th University, February: 27th- 28th ; 2004. Cairo, Egypt.**
18. **The 8th International Conference of Oncology and Gastrointestinal Malignancies. Stella Di Mare –Ain Soukhna, April ;21st – 23rd , 2004.**
19. **Annual Scientific Congress of the Egyptian Society of Biochemistry & Molecular Biology (ESBMB). Cairo. Egypt. April, 24 – 25, 2004.**
20. **Annual International Scientific Congress of The Egyptian Society of Biochemistry & Molecular Biology (ESBMB) ''Molecular Biology and Environmental Factors in Health and Disease'' Cairo, Egypt, 2005, April 28 – 29.**
21. **Biovision congress, Alexandria Bibliotheca , April, 2006 Alexandria.**
22. **International Congress for Study of Liver Disease (IASL) , Cairo, September 2006.**
23. **12th International Congress of International Society of Sexual Medicine, September , 2006, Cairo.**
24. **The First Annual Stem Cell Symposium ''Stem Cell Therapy: Current Status and Future Applications'' September 2006, German University, Cairo.**
25. **Fourth Annual Meeting for the Egyptian Group for Study of Update in G.I.T & Liver Diseases. Alexandria, January , 2007, 25-27.**
26. **15eme Congress Societe Marocaine De Cancerlogie. 2eme Forum Des Cancerlogues Egyptiens. 1 - 3 Mars , 2007, Marrakech. Royal Moraco.**
27. **12th Annual International Congres of General Orgaization of Teachng Hospitals and Institutes (GOTHI). Cairo, Janary, 2008, 9 – 11 .**
28. **1st International Congress of International Study Group of stem cell and its applications, Hurghada 9 – 11 AY, 2007 , Egypt**
29. **The 1st Scientific congress of Medical Biochemistry Department, Faculty of Medicine, Mansoura University, 14th February 2008, Cairo, Egypt.**
30. **6th Annual conference for study of update in hepatology & Gasteroenterology 7 – 9th February, 2008 Alexandria , Egypt**
31. **1st Annual conference of MolecularBiology Unit (MBU) ,Benha ,Faculty of Medicine, Egypt. 2 – 3rd April 2008**
32. **The 1st Scientific Conference of Stem Cell applications in Cardiovascular diseases, Faculty of Medicine, Cairo University, 6th May, 2008 Cairo , Egypt.**
33. **The 2nd Annual International Congress of Stem cell Research of International Study Group of stem cell and its applications, Hurghada, 26-28 June 2008**
34. **The Annual Scientific Conference, Faculty of Medicine, Cairo University. Medical Educaion Reform : “Theory and Practice” , Cairo. 23rd November, 2008**
35. **7th Annual meeting for the Egyptian Group for Study of Update in G.I.T.& Liver Diseases. 12th February 2009, Alexandria.**
36. **The 2nd Scientific Congress of Medical Biochemistry Department, Faculty of Medicine, Assiout University . 16th March , 2009**
37. **First Egyptian workshop on stem cell research organized by Cairo University and University of Cologne under the patronage of the DAAD . 17th October 2009.**
38. **The 3rd annual international stem cell conference in Egypt , November 19th – 21st , 2009 . Cairo.**
39. **The fifth International Conference of Scientific Research and its Applications at the Conference center , Cairo University on 21st to 24th December 2009.**
40. **Annual Scientific Conference of the Egyptian Society of Biochemistry and Molecular Biology (ESBMB). Biochemistry and Molecular Biology Present and Future. 14th, 15th April , 2010.**
41. **RAMSES, Kick-Off Conference ``Stem Cells from Bench to Heart``. June 5-6, 2010. RAMSES is a europen project funded by FP7 , Framework program of the european union. Conducted by partners from Egypt, Romania and Germany.**

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