

CURRICULUM VITAE

PERSONAL DETALIS:

Sur name: Sayyed

First name: Hayam

Second name: Gaber

DATE and PLACE of BIRTH: 11/01/1974, Assiut, Egypt.

Nationality: Egyptian.

Religion: Moslem.

Social status: Married with four children.

Current Address: Home: Assiut. Egypt.

Tel (home): (002) 0882331370

Work: Department of Medical Physiology, Faculty of Medicine. Assiut University. Assiut, Egypt. Tel. (+2)0882411991

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E-Mail: hayam_said3@aun.edu.eg

LANGUAGES:

Arabic: mother language

English: very good command (Toeful record 567, 2003)

QUALIFICATIONS

1. **M.B.B.Ch:** Bachelor of Medicine and Surgery; September 1997, Faculty of Medicine, Assiut University.
Grade: Very good.
2. **M.Sc:** Basic Medical Sciences (Medical Physiology). December 2003, Faculty of Medicine, Assiut University.
Grade: Very good.
Title of Thesis: Influence of Age on Arterial Baroreceptor Reflex Activity in Male Rabbits
3. **Ph.D:** Medical Physiology July 2007, Faculty of Medicine, Assiut University.
Title of Thesis: A study of Some Angiogenic Factors and Lipid Peroxidation in Intrauterine Growth Retardation of The Fetus

PAST APPOINTMENTS:

1. Rotating intern: Assiut University Hospitals (1998-1999).
2. Demonstrator, Medical Physiology department, Faculty of Medicine, Assiut University (1999-2003).
3. Assistant lecturer, Medical Physiology department, Faculty of Medicine, Assiut University (2003-2007).
4. Lecturer, Medical Physiology department, Faculty of Medicine, Assiut University (2007-2013).
5. Associate Professor, Medical Physiology department, Faculty of Medicine, Assiut University (2013-2019).

PRESENT ACADEMIC APPOINTMENTS:

Professor of Medical Physiology, Faculty of Medicine, Assiut University (2019-present)

TEACHING EXPERIENCE

Undergraduate courses for medical, pharmacy and dentistry students.

Postgraduate courses: Lectures and seminars on Medical Physiology for master's or PhD degrees.

PROFESSIONAL MEMBERSHIP

Member of the Egyptian Society of Medical Physiology.

RESEARCH TRENDS

- I am paying a major concern to basic researches that may lead to possible / definite improvement in health services and decreasing disabilities, morbidity and mortality. e.g. Studying male and female infertility at cellular and molecular basis using experimental trials.
- Studying the state of oxidative stress and the possible effect of natural antioxidant therapy in combating this state.
- Studying stem cell isolation, differentiation as a new trend in regenerative medicine.
- Using the most updated techniques for achieving research aim.

SKILLS

- Computer skills; using Microsoft word, excel, power point and Internet.
- Good experience in ELISA techniques, Stem cell research, molecular biology.
- Good experience in designing experimental and clinical trials in laboratory animals.
- E-Learning and Skills of Good Presentation.

TRAINING ACTIVITIES

1. Workshop on "The basic techniques of human and animal cell culture, educational and training workshop" 20-23 November 2010.
2. Workshop on uses of analytical chromatography. 3-5 January 2011.
3. Workshop on "from gene to protein" cellular and biology center. Assiut University. 16-18 December 2014.

Faculty and Leadership Development programs

1. Workshop on program specification document. Learning and teaching center in Science and Technology University. 13 November to 5 February 2009.
2. Workshop on course specification. Learning and teaching center in Science and Technology University. 9 February 2009.
3. Workshop on course report. Learning and teaching center in Science and Technology University. 2 March 2009.
4. Workshop on basics of hospital infection control. Learning and teaching center in Science and Technology University. 11 May 2009.
5. Workshop on How to make academic reports. Learning and teaching center in Science and Technology University. 4-5 July 2009.
6. Workshop on scientific plagiarism. Faculty and Leadership development center. Faculty of Medicine.
7. Workshop on practical training on E-learning skills and How to make an electronic exam to put it on Faculty site. Faculty and Leadership development center. Faculty of Medicine.
8. Training program in credit hour system, Faculty and Leadership development center, Assiut University. 7-8 December 2013.

9. Training program in ethics of job, Faculty and Leadership development center, Assiut University. From 21-22 December 2013.
10. Teaching methodology. Faculty and Leadership development center, Assiut University. From 10-11 February 2014.
11. Training program in exams and student assessment, Faculty and Leadership development center, Assiut University. From 18-19 March 2014.
12. Training program in E-learning, Faculty and Leadership development center, Assiut University. 3-5 May 2017.
13. Training program How to design electronic curriculum, Faculty and Leadership development center, Assiut University. From 24-25 July 2017.
14. Training program in international publications, Faculty and Leadership development center, Assiut University. From 28-29 January 2018.
15. Training program in research funds, Faculty and Leadership development center, Assiut University. 26-27 June 2018.

ATTENDED CONFERENCES

1. 26th Annual Conference of Faculty of Medicine-Assiut University. Assiut from 8-11 March 2008.
2. 5th Annual Conference of Egyptian Society of hepatic viruses Assiut University. Assiut 5 May 2011.
3. 13th Conference of gastroenterology and liver. Assiut University. Assiut from 21-22 March 2012.
4. 6th Annual Conference of Medical Physiology Department-Mansoura University at 10 April 2012.
5. 29th Annual Conference of Faculty of Medicine-Assiut University. Assiut from 23-26 December 2012.
6. 2nd Annual conference of integrated Medicine & Sleep disorders Society. Assiut from 13-15 November 2013. Integrated Medicine: Liver in the core.

7. 30th Annual Conference of Faculty of Medicine-Assiut University. Assiut from 26-29 April 2014.
8. Advances in Adiposity & Neurocognition. Alexandria from 19th March 2015.
9. 39th international conference of Egyptian Society of Histology and Cytology. Assiut from 17-18 December 2015.
10. 31st Annual Scientific Conference of the Faculty of Medicine-Assiut University. Assiut from 8-11 April 2017.
11. 1st Annual Scientific Conference of Assiut Society against Smoking. Tuberculosis and Chest Diseases ASASTC: Basics of Pulmonary Medicine. Assiut from 10-12 October 2017.
12. The 6th conference of Egyptian Society of Physiological Sciences (ESPS). Recent Advances in Obesity Research. Alexandria at 9 November 2017.
13. 1st Scientific Conference of Rheumatology Unit, Internal Medicine Department Assiut Faculty of Medicine in Collaboration with The Egyptian Society of Clinical Immunology & Rheumatology (EGYSIR): Biological Therapy in Rheumatic Diseases. Assiut from 28th February to 1st March 2018.
14. 1st Scientific Conference of Medical Physiology Department Assiut Faculty of Medicine in Collaboration with Egyptian Society of Physiology Science: Male Health: Basics and Practice. Assiut 21B November 2018.

PUBLICATIONS

1. Prediction equation for spirometric parameters in Egyptian adult population. Azza S. Abdel-Hafeez, **Hayam G. Sayyed** and Mamdouh M. Anwar. Assiut Med. J. September, 2010, Vol. (34), No. (3):125-138.
2. The effect of melatonin on pentraxin-3 level and nuclear factor-kappa beta immunohistochemical expression on acetic acid-induced colitis and their relationship to pathophysiology of the disease. **Hayam G Sayyed**, Naglaa K

- Idriss, El Sers DA, Wasfy SE, Darwish AM. Assiut Med. J. January, 2012, Vol. (36), No. (1):157-172.
3. Influence of endothelin-1 on age-related changes in renal function in male rats. **Hayam G Sayyed**, Azza S Abdel-Hafeez. Bull. Egypt. Soc. Physiol. Sci. 2012, 32 (2):171-186.
 4. Extracellular matrix turnover, angiogenesis and endothelial function in acute lung injury: Relation to pulmonary dysfunction and outcome. Naglaa K Idriss, Sherif Sayed and **Hayam G Sayyed**. Ibnosina J Med BS 2012,4(5):170-182.
 5. Effect of triiodothyronine (T3) supplementation on the cerebral neurotransmitters in offspring of hypothyroid rats. **Hayam G Sayyed**. Ibnosina J Med BS 2012, 4(6):231-241.
 6. Some immunological responses to ovariectomy and aging in female rats. **Hayam G Sayyed** and Nashwa Aly Abd El-Mottaleb. Assiut Med. J. January, 2013, Vol.(37),No. (1): 217-228.
 7. Effect of vagus nerve stimulation on focal transient cerebral ischemia and reperfusion in adult male White New Zealand rabbits. **Hayam Gaber Sayyed**, Naglaa Kamal Idriss and Abeer Mostafa Darwish. Ibnosina J Med BS 2013, 5(2):73-82.
 8. Implication of tumor necrosis factor-alpha receptor/and hexosaminidase: relationship to pathogenesis of liver diseases. Naglaa K Idriss, **Hayam G Sayyed**, Madeha M Zakhary. Comparative Clinical Pathology. July 2014, Volume 23, Issue 4, pp 1095-1102.
 9. The effect of vitamin E on lead induced gonadal dysfunctions in adult Wistar Albino rats. Enas A Hamed, **Hayam G Sayyed**, Amal T Abo-El gait, Heba M Galal. Bull. Egypt. Soc. Physiol. Sci. October 2014;34(2),220-236.
 10. The number of GT(n) repeats in the hemeoxygenase-1 gene promoter is increased in pediatric heart failure but is unrelated to renal, antioxidant and

- anti-inflammatory markers. Sherif Sayed, Naglaa K. Idriss, Andrew Blann, **Hayam G. Sayyed**, D. M. Raafat, Doaa Fouad, M. S. K.Tawfeek. *Pediatr Cardiol* March 2015; 36:1204-1211.
11. Effects of propofol and isoflurane on haemodynamics and the inflammatory response in cardiopulmonary bypass surgery. S. Sayed, N.K. Idriss, **H. G. Sayyed**, A. A. Ashry, D. M. Rafatt, A.O. Mohamed & A.D. Blann. *BRITISH JOURNAL OF BIOMEDICAL SCIENCE* 2015;72(3):93-101.
 12. Label-free electrochemical sensor for ex-vivo monitoring of Alzheimer's disease biomarker. Waleed A. El-Said, Kawthar Abd El-Hameed, Nagwa Abo El-Maali, **Hayam G. Sayyed**. *Electroanalysis* 2016;28:1-9.
 13. Contribution of indoleamine 2,3-dioxygenase in preeclampsia. Mona F.M. El-Karn, **Hayam G. Sayyed**, Safwat A. Mohammed, Nemah M.A. Abdulrab. *Al-Azhar Assiut Medical Journal* 2016;14:190-195.
 14. Neurobehavioral responses of male offspring to maternal stress in Wistar rats. Nashwa A. Abdel-Mottaleb, **Hayam G Sayyed**, Rasha M. Ali. *Med. J. Cairo Univ.* December 2016; 84(2):281-291.
 15. Superimposed effect of ovariectomy on type 2 diabetes mellitus in Wistar rats. Minerva Kamel Fahmy, **Hayam G Sayyed**, Eman A Abd Elrahim, Rana TA Farag. *Alexandria Journal of Medicine* June 2018;54(2):129-137.
 16. Physiological responses and gene expression in ultrasound-guided supraclavicular brachial plexus block: a comparative study. **Hayam G Sayyed**, Naglaa K Idriss, Marwa A Gaber, Cherif Sayed, Rasha Ahmed. *Cell Physiol Biochem* 2018; 46: 2412-2420.
 17. Treatment efficiency of different routes of bone marrow-derived mesenchymal stem cell injection in rat liver fibrosis model. Naglaa K Idriss, **Hayam G Sayyed**, Amany Osama, Dina Sabry. *Cell Physiol Biochem* July 2018;48:2161-2171.

18. Does oxytocin have a neuro-protective impact in rats' stroke model? **Hayam G Sayyed**, Eman S.H. Abd Allah, Mahmoud F. Sherif. Bull. Egypt. Soc. Physiol. Sci. 2019:39(1), 52-62.
19. Is There a Feasible Link between Vitamin D Receptor Genotypic and Allelic Frequencies with Analytical Biomarkers of Rheumatoid Arthritis Disease? Naglaa K Idriss, Zahraa I Selim, Eman H El-Hakeim, Fatma H El Nouby, Ahmed Klbrahim, **Hayam G Sayyed**, Dalia A Elgamal, Maggie A Ibrahim, Doaa Kamal, Samar H Goma. Journal of nutritional science and vitaminology. 2020:66,526-535.
20. Nesfatin-1, Dopamine and NADPH Levels in Infertile Women with Polycystic Ovary Syndrome: Is There a Relationship Between Their Levels and Metabolic and Hormonal Variables. Enas Ahmed Hamed, **Hayam Gaber Sayyed**, Ahmed Mohmed Abbas, Mohamed Maher Abdel Gaber, Hassnaa Mohmoud Abd El Aleem. J Reprod Infertil 2022;23(3):160-168.

SUPERVISION of THESIS:

1. The effect of vitamin E on lead induced gonadal dysfunctions in adult Wistar Albino rats (PhD).
2. Neurobehavioral responses of male offspring to maternal stress in Wistar rats (Master's).
3. Superimposed effect of ovariectomy on type 2 diabetes mellitus in Wistar rats (PhD).
4. Contribution of Indoleamine 2,3 dioxygenase and T cells in Preeclampsia (PhD).
5. Label-free electrochemical sensor for ex-vivo monitoring of Alzheimer's disease biomarker (Master's).
6. Role of nesfatin-1 and nicotinamide in infertile women with polycystic ovary syndrome (Master's).