



C.V.

- Dr. Samir Saad Mohamed Mahgoub
- Professor
- Department of Biochemistry and Molecular Biology / Faculty of Medicine, Mu'tah University, Jordan
- Egyptian
- Marital status: married
- Date of Birth: 7/2/1959
- Mobile No.: 00962788359885
- Email: Samir_mhgb@yahoo.com
- Passport No.: A10310577, date of issue: 17/9/2013, expired date: 17/8/2020

Qualifications

- Ph.D., University At Buffalo, New York, USA 2000
- M.Sc., Medical Biochemistry, Al Minia University, Al Minia, Egypt, 1993
- M.Sc., Orthopedic Surgery, Ain Shams University, Cairo, Egypt, 1988
- License in Law, Zagazig University, Zagazig, Egypt, 1988
- Bachelor degree in Medicine and Science, Zagazig University, Zagazig, Egypt, 1984

Research interest

- Molecular genetics
- Molecular microbiology
- Molecular immunology
- Gene therapy
- Biomarkers studies
- Stem cell therapy

Positions held

- A house officer at Zagazig University Hospitals, 1984- 1985
- An orthopedic resident at Al-Kassaseen general Military Hospital, 1985-1986.
- The general manager of a Neurosurgery private hospital (Gawish Hospital), 1986-1988.
- A demonstrator, Biochemistry Department, Faculty of Medicine, Al- Minia University, 1988-1992.
- An assistant lecturer, Biochemistry Department, Faculty of Medicine, Al-Minia University, 1992-1994.
- A visitor scientist, School of Medicine and Biomedical Sciences, University at Buffalo, New York, USA. 1994-1998.

- Lecturer of Medical Biochemistry and Molecular Biology, Biochemistry department, Faculty of Medicine, Al-Minia University.
- A visitor scientist, Oncology Research Institute, Denver, Colorado, USA. 1998-2002.
- A visitor scientist, School of Medicine and Biomedical Sciences, University at Buffalo, New York, USA. 2003-2008.
- An assistant professor of Biochemistry and Molecular Biology, Medical Biochemistry and Molecular Biology, Faculty of Medicine, Jazan University- Saudi Arabia, 2009-2010.
- An assistant professor of biochemistry and molecular biology, Biochemistry department, Faculty of Medicine, Al-Minia University, 2012 until now.
- An associate professor of biochemistry and molecular biology, Biochemistry department, Faculty of Medicine, M^u'tah University. Jordan, 2013 until now.
- A professor of biochemistry and molecular biology, Biochemistry department, Faculty of Medicine, M^u'tah University. Jordan, 2019 until now

Meetings and Workshops attendance

- Parasitology Pathogenesis Meeting, Buffalo, April, 1994.
- Experimental Parasitology Meeting, MBL, Boston, 1994.
- Parasitology Pathogenesis Meeting, Buffalo, April, 1995.
- Experimental Parasitology Meeting, MBL, Boston, 1995.
- Parasitology Meeting, Atlanta, July, 1996.
- Parasitology Meeting, Atlanta, July, 1997.
- PCR, Workshop, Central Laboratory, Faculty of Science, Ain Shams University, Cairo, October, 1998.
- Recombinant DNA Technology Workshop, Theodore Bilharz Research Institute Imbaba, Cairo, March, 1999.
- DNA hybridization Workshop, Central Laboratory, Faculty of Science, Ain Shams University, Cairo, May.
- DNA sequencing Workshop, Central Laboratory, Faculty of Science, Ain Shams University, Cairo, July, 2001.
- DNA Fingerprinting Workshop, Central Laboratory, Faculty of Science, Ain Shams University, Cairo, February, 2002.
- Genetic Language for Clinicians, Genetic Unit, Faculty of Medicine, Ain Shams University, Cairo, December, 2003. Training Course on Application of Cytogenetics and Genetic
- Engineering in Biotaxonomy, Genetic Engineering Centre, Faculty of Science, Al Azhar University, Cairo, December, 2004.
- The XVI Annual Conference of Egyptian Society of Laboratory Meeting, March, 2005. Molecular Biology, April, 2005.
- Annual scientific Congress of Egyptian Society of Biochemistry and Molecular Biology, April, 2005.
- The XVII Annual Conference of Egyptian Society of Laboratory Meeting, March, 2006.
- Annual scientific Congress of Egyptian Society of Biochemistry and Molecular Biology, April, 2006.
- The XVII Annual Conference of Egyptian Society of Laboratory Meeting, March, 2007.
- Annual scientific Congress of Egyptian Society of Biochemistry and Molecular Biology, April, 2007.
- Faculty and Leadership Development Workshops project.

- The Annual Scientific Meeting, Faculty of medicine, Al Minia University, April, 2008.
- The Annual Scientific Meeting, Faculty of medicine, Al Minia University, April, 2010.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2010.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2011.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2012.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2013.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2014.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2016.
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, April, 2017.
- The Annual Scientific Meeting, AACC, Faculty of medicine, Qasr AlAini, January, 2016.
- The Annual Scientific Meeting, AACC, Faculty of medicine, Qasr AlAini, January, 2017
- The Annual Scientific Meeting, Faculty of medicine, Mu'tah, Jordan, March, 2018.
- The Annual Scientific Meeting, AACC, Abu Dhabi, UAE, February, 2018.
- The Annual Scientific Meeting, AACC, Faculty of medicine, Qasr AlAini, August, 2019.

Publications

- Correlations between serum fructosamine and glycosylated hemoglobin with fasting blood glucose in streptozotocin Induced diabetic rats. The Egyptian Journal of Biochemistry 11: 251-263, 1992.
- Hepatoprotective effect of garlic versus melatonin in albino rats receiving a single toxic dose of acetaminophen. Alex. J. Pharm. Sci. 17(2), Sept., 2003.
- Immunohistochemical localization of phosphorylated AMPA type glutamate receptor in cerebellar Purkinje cell layer. El-Minia Medical Bulletin 14(1), Jan., 2003.
- The gastroprotective effect of vit. E and panaxginseng against restraint cold stress and aspirin induced ulcers in rats. Alex. J. Pharm. Sci. 18(2) , Sept., 2004.
- Protective effects of losartan, garlic and melatonin against gentamicin induced nephrotoxicity in albino rats. Alex. J. Pharm. Sci. 18(2), Sept., 2004.
- The use of different RNA extraction methods for quantitating hepatitis C virus RNA in serum and whole blood: A comparative Study. The Egyptian Journal of Biochemistry and Molecular Biology. 23: 350-360, 2005.
- Time detection period of some common addictive drugs in urine using high performance liquid chromatography (HPLC). Egyptian J. Forensic Sci. Appl. Toxicol., 1-11, 2005.
- Schistosoma mansoni: characterization of the gene encoding an alpha tubulin like gene, an integral membrane protein. The Egyptian Journal of Biochemistry and Molecular Biology. 23: 203-216, 2005.
- Expression, purification and studies on immunologic potential of the gene encoding an alpha tubulin like protein of Schistosoma mansoni. The

Egyptian Journal of Biochemistry and Molecular Biology. 23: 217-229, 2005.

- The expected role of endostatin in angiogenesis and its relation to ornithine decarboxylase. The Egyptian Journal of Biochemistry and Molecular Biology. 25: 522-534, 2007.
- Schistosoma mansoni: characterization, expression, purification and studies on immunologic potential of a female specific gene that encodes a 48 kDa egg shell like protein. The Egyptian Journal of Biochemistry and Molecular Biology. 25: 506-521, 2007.
- Identification of a 38 kDa antigen in the urine of Schistosoma mansoni chronically infected patients using a specific antibody microeluted from a nitrocellulose membrane; a diagnostic tool. Nature and Science, 2008, 6(4) ISSN 1545-0740, 64-70
- Characterization of the gene encoding 28s large subunit ribosomal RNA of the lung stage of schistosoma mansoni (7-days schistosomula). The Journal of American Science, 4(4), 2008, ISSN 1545-1003, 77-85
- Schistosoma mansoni: partial molecular characterization of the gene encoding zinc finger protein, the transcriptional regulatory protein of lung stage (7-days schistosomula). New York Science Journal, volume 1, Issue 4, October 1, 2008, 77-88.
- Schistosoma mansoni: the identification of Some Highly Immunogenic Surface Antigens of the Lung Stage Larvae as promising Vaccine Candidates against Schistosomiasis. Bull. Egypt. Soc. Physiol. Sci., 2011; 31(2): 157-166 (ISSN: 1110-0842).
- Sensitivity of Biomarker, Leptin, Adiponectin or High sensitivity C-reactive protein in diagnosis of Coronary Heart Disease. Bull. Egypt. Soc. Physiol. Sci., 2011; 31(2): 143-156 (ISSN: 1110-0842).
- The Evaluation of the Role of Follicle Stimulating Hormone receptor (FSHR) gene polymorphism in controlling ovarian hyperstimulation. Journal of American Science 2011; 7(10): 91-100 (ISSN: 1545-1003).
- Colorectal carcinoma: nucleosomes, carcinoembryonic antigen and Ca 19-9 as apoptotic markers; a comparative study. Journal of Biomedical Science 2011, 18:50
- Samir S. Mahgoub, Ayman J. Hammoudeh , Hani M. Al-shagahin , Manal N. Al S,oub , Odai F. Masarweh , Moustafa A. Abdo , Shereen N. AlAtoom and Areej W. Alzaraq. Coronary Atherosclerosis: Adiponectin and Leptin as Predictors of Disease Severity. Jordan Journal of Biological Sciences 2014; 7(3): 171-177
- Carcinogen metabolizing enzymes: modulation of their activities in liver, lung and stomach by thymoquinone. European Journal of Medical plants. 4(4): 383-393, 2014
- A Al-Qtaitat, S Al-Dalaen, S Mahgoub, N Nawayseh, J Al-Shuneigat, S Al-Sarayreh, Y Al-Sarairah (2014). Plasma Thrombopoietin Level in Thrombocytopenic Patients with or without Liver Cirrhosis Chronically Infected by the Hepatitis C Virus. British Journal of Medicine & Medical Research.
- S Al-Dalaen, A Al-Qtaitat, S Mahgoub, N Alnawaiseh, J Al-Shuneigat, S Al-Sarayreh, Y Sarayreh (2014). Ramipril and Valsartan as Protective Agents against Some Complications of an Experimentally Induced Obesity in Rats. American Journal of Life Sciences, 2(4), pp. 241-250.
- Said Al-Dalaen, Aiman Al-Qtaitat, Samir Mahgoub, Nidal Nawayseh, Mohamad Alrwashdeh and Jean E. Aaron (2014). Bioactive Propolis and Bone Loss Reduction in an Ovariectomized Rat Model of Hypogonadal Osteoporosis. American Journal of BioScience 2014; 2(6): 217-221.

- Eman M. Albatayneh , Mohammed S. Al-Sboub, Samir S. Mahgoub , Nesrin R. Mwafi, Nedal A. Alnawaiseh. Serum Oxidative-Antioxidative Status in Patients With Alkaptonuria. J Clin Med Res. 2019;11(5):337-344
- Evaluation of Inflammatory Mediators in an Experimentally Induced Acute Systemic Inflammation in Albino Rats: A Comparative Study. (submitted)
- Is there an association between - 2549 insertion/deletion Polymorphisms in the Promotor Region of the Gene Encoding for the VEGFA as a Risk Factor and the Idiopathic Recurrent Spontaneous Miscarriage in a sample of Jordanian Women? Prensa Médica Argentina 2020; 106(3):1-5
- Methylenetetrahydrofolate Reductase C677T Polymorphisms as a Risk factor for Polycystic Ovarian Syndrome among a sample of Jordanian women. Prensa Médica Argentina 2020; 106(3):
- Association between folate metabolism Methylenetetrahydrofolate reductase gene C677T and A1298C polymorphisms and genetic susceptibility of preeclampsia among Jordanian pregnant women. 2021; Medical Science 25(110): 882-890
- Yousef M Al-sarairah, Ahmed MM Youssef, Fatemah OFO Alshammari, Sameeh A Al-Sarayreh, Jihad M Al-Shuneigat, Hamzeh M Alrawashdeh, Samir S Mahgoub. Phytochemical characterization and anti-cancer properties of extract of Ephedra foeminea (Ephedraceae) aerial parts. Tropical Journal of Pharmaceutical Research, 2021; 20 (8): 1675-1681
- Methylenetetrahydrofolate reductase C677T polymorphism and plasma homocystiene levels in Jordanian patients with primary open angle glaucoma. (submitted)
- The association of Angiotensin Converting Enzyme Gene Insertion/Deletion Polymorphisms with Diabetes Mellitus Type II and Metabolic Syndrome in a Sample of Jordanian Population. (submitted)

Languages

- Arabic
- English (perfect)
- French (fair)

Society's membership

- The Egyptian society of tumor markers.
- The Egyptian society of Biochemistry and Molecular Biology.
- The Egyptian society of Medical Laboratory.
- Egyptian Medical Syndicate.