

C.V Associate Professor Doctor Dr. Samuel Tanas Melek

Assoc. Prof. Dr. Samuel Tanas Melek
Tanas
M.B.B.S, M.D., B.Ph., Ph.D., M.Sc., Pg.D.
Specialty: Clinical Biochemistry
(Chemical Pathology)



Summary Experiences:

- 1-Delta university for science and technology (DU), Mansoura, Egypt: 8 years
- 2-Nahda University (NUB) in Beni Suef (NUB), Egypt; 4 years
- 3-Merit university Egypt (MUE) in Sohag, Egypt: 2 years

Subjects teaching: Cell biology, Biochemistry-1, biochemistry-2, clinical Biochemistry, Pathology general and systemic (1 and 2), pathophysiology, Clinical Nutrition, First Aids

Certificates

- 1-Bachelor of Pharmacy (B.Ph) Faculty of Pharmacy
- 2- Postgraduate (High) Diploma (Pg D) of Microbiology and Immunology, Faculty of Pharmacy, Cairo university
- 3- Postgraduate (High) Diploma (Pg D) of Biochemical Analysis (Biochemistry), Faculty of Pharmacy, Cairo university, very good
- 4-M.Sc. of Chemical Pathology (Clinical Biochemistry), Medical Research Institute- Faculty of Medicine –Alexandria University
- 5-M.D. (Ph.D.) of Chemical Pathology (Clinical Biochemistry), Medical Research Institute -Faculty of Medicine – Alexandria University
- 6- Bachelor of Medicine and surgery, M.B.B.S. (M.B.B.Ch.), Faculty of Medicine and surgery
- 7- I hold a license to practice the profession of medical laboratory analysis from the Egyptian Ministry of Health; I am registered in the register of Medical Chemists at the Egyptian Ministry of Health No.1149, Also I am registered in the register of Bacteriologists at the Egyptian Ministry of Health No. 1074.

Academic career Progression:

1-Drug Control Specialist, at National Organization for Drug Control and Research (NODCAR) since 9/2 /2004

2-Assistant Lecturer (Assistant Researcher) of Chemical Pathology (Clinical Biochemistry) at National Organization for Drug Control and Research (NODCAR), Law 49 of 1972 Regulating Egyptian universities.

3-Lecturer (Researcher) of Chemical Pathology (Clinical Biochemistry) at National Organization for Drug Control and Research (NODCAR), Law 49 of 1972 Regulating Egyptian universities.

4-Associate Professor Doctor of Chemical Pathology (Clinical Biochemistry) at National Organization for Drug Control and Research (NODCAR), Law 49 of 1972 Regulating Egyptian universities.

5-Partial assignment: Associate Professor Doctor of Clinical Biochemistry at Faculty of Pharmacy, Delta University (DU) for science and technology, In Mansoura, Gamasa, since 1/2/2013 to 31/10/2014

6-Full assignment: Associate Professor Doctor of Clinical Biochemistry at Faculty of Pharmacy, Delta University (DU) for science and technology, In Mansoura, Gamasa, since 1/11/2014 to 31/10/2020

7-Partial assignment: Associate Professor Doctor of Clinical Biochemistry at Faculty of Pharmacy, Nahda University (NUB) in Beni Suef, since 1/3/2015 to 31/8/2018

8- Associate Professor Doctor of Clinical Biochemistry at Faculty of Pharmacy, Merit University Egypt (MUE), since 1/9/2024 until now (31/8/2026)

Courses and Experiences in details:

1-Experience certificate for chemical pathology and laboratory medicine at Medical Research Institute, Alexandria University

2-Laboratory specialist certificate No 8664/D/19 from Saudi Commission for Health specialties

3-Experience certificate for chemical pathology and laboratory medicine at el kema hospital- Zulfi – Riyadh- Saudi Arabia.

4-International computer driving License (ICDL) Certificate - Endorsed by Ministry of communications and Information Technology – Egypt

5-Awarded for best Research at the third Scientific Conference held at Faculty of Pharmacy – Mansoura University.

6-Workshop certified at Dubai international Pharmaceuticals and Technologies conference and Exhibition (DUPHAT), United Arab Emirates (UAE) - Work shop; Lessons from the Routine Dose Adjustment of Immunosuppressants Based on Pharmacokinetic Modeling- DUPHAT

7-Certificate of Training course entitled; Self-Study for higher education Institutions, , from Quality Assurance Center, Delta University for science and technology – Mansoura – Egypt

8-Certificate of Training course entitled; Education Programs and Courses Specifications and Evaluation of Learning Outcomes for H.E. Institutes from National Authority For Quality Assurance and Accreditation of Education (NAQAAE).

9-Certificate of Training course entitled; Ethics of scientific research, from Capacity Development Center for faculty members and leaders (FLDC), Delta University for science and technology – Mansoura – Egypt

10-Certificate of Training course entitled; Professional Ethics, from Capacity Development Center for faculty members and leaders (FLDC), Delta University for science and technology – Mansoura – Egypt

11-Experience for about 8 years in learning and teaching in faculties of Pharmacy, Dental Medicine, Physical therapy in Delta university (DU) and Nahda university (NUB) for subjects of biochemistry-1, biochemistry-2, Clinical biochemistry, Cell biology, Clinical Nutrition, First Aids, and consultant of scientific project for candidates

12-Experience for about 4 years in faculty of Pharmacy, Delta university (DU) for Quality Control in; course files, course specs, course reports, ILO`s and strategic plane

13-Experience for about 2 years in faculty of Pharmacy, Merit university Egypt (MUE) for Quality Control in; course files, course specs, course reports, ILO`s and strategic plane

14-Experience in medical laboratory medicine and scientific research at Research centers and hospitals, Cairo, Egypt

Supervising the M.Sc. and Ph.D. Theses:

1- M.Sc. entitled: Biochemical markers of hepatocellular carcinoma in hepatitis C virus infection combined with hepatic schistosomiasis. A thesis Submitted in a partial fulfillment for the degree of master in zoology (Parasitology and invertebrates) Presented By Rehab Mahmoud Mohamed, Faculty of Science, Benha University, 2014

2- M.Sc. entitled: Retrospective and prospective study of the interrelation between Interleukin-28B and endogenous Interferon Gamma in Human infected with Hepatitis-C Virus and/or Schistosoma mansoni. A thesis Submitted in a partial fulfillment for the degree of master in Pharmaceutical Science (Microbiology and Immunology), Presented by Samira Zakaria Ahmed Eid. Faculty of Pharmacy, Cairo University, 2015

3- M.Sc. entitled: ; Effect of Advanced Glycation End Products in Aging. A thesis Submitted by Amara Mohamed Farouk Bahlol for the Fulfillment of M.Sc. Degree in Genetic Engineering and Biotechnology (Animal Cell Culture), University of Sadat City, Genetic Engineering and Biotechnology Research Institute (GEBRI), 2017

4- M.Sc. entitled: New Diagnostic Markers For hepatitis C virus; thesis submitted by Mostafa Abdelsalam Abdelaziz Sharafeldin for the Fulfillment of M.Sc. Degree in Science (microbiology), department of botany (microbiology), faculty of science, Tanta University, Tanta, Egypt, 2016

5- Ph.D.entitled: Immunological and Molecular Characterization of Toxoplasma gondii Infection Treated with Miltefosine. A thesis submitted by Nehal Mohammed Khairy Yousif M.Sc. in Microbiology and Immunology, Faculty of Pharmacy Cairo University, 2012. Assistant researcher of parasitology, National Organization for Drug Control and Research (NODCAR). In practical fulfillment of the requirements for the doctor of Philosophy (Ph.D.) degree in Pharmaceutical Science (Microbiology and Immunology). Beni-Suef University Faculty of Pharmacy Microbiology and Immunology Department , 2019 .

6- M.Sc. entitled: Immunological study for Helicobacter pylori bacteria in human: thesis submitted by Taghreed Ahmed Ahmed Zidan for the Fulfillment of M.Sc. Degree in Science (microbiology), department of botany (microbiology) faculty of science , Banha University, 2016

7- Ph.D.entitled; Biological Evidences of Hepatocellular Carcinoma Treatment with 1,3,4-oxadiazole-2-thiol as Anticancer Agent. Thesis submitted by Shimaa Saber Abdelhady.In the fulfillment of the requirements for the doctor of Philosophy (Ph.D.) degree in Zoology and Entomology Department, Faculty of science, Helwan University, Ain-Helwan, Cairo, Egypt. 2017. Mohamed S GabryGalal H Elgemeie, Nahed S Basseli, Samuel T Melek, Saadia E Hafez, Omar A Farid and Shimaa S Abdelha*

*Zoology and Entomology Department, Helwan University, Ain-Helwan, Cairo, Egypt
Chemistry Department, Helwan University, Ain-Helwan, Cairo, Egypt

*Histology Department, National Organization for Drug Control and Research (NODCAR), 12553, Giza, Egypt

*Parasitology Department, National Organization for Drug Control and Research (NODCAR), 12553, Giza, Egypt

Physiology Department, National Organization for Drug Control and Research (NODCAR), 12553, Giza, Egypt, Mohamed S Gabry, Galal H Elgemeie, Nahed S Basseli, Samuel T Melek, Saadia E Hafez, Omar A Farid and Shimaa S Abdelhady

*Zoology and Entomology Department, Helwan University, Ain-Helwan, Cairo, Egypt
Chemistry Department, Helwan University, Ain-Helwan, Cairo, Egypt

Committees:

Egyptian Society of clinical chemistry- Egyptian Society of Laboratory Medicine- Egyptian Society of liver research- Egyptian Society of obesity and diabetes mellitus- Egyptian Society of Hematology- Member of the Committee on the future plan of the Ministry of Health (previously).

Conferences & Workshop:

Conferences of clinical chemistry annually- conferences of Laboratory Medicine annually- conferences of liver research annually- conferences of obesity and diabetes mellitus annually- conferences of Hematology annually- workshop in stem cells researches

Publication :

1-SAMUEL T.MELEK,M.D. ,MOHAMED.R. EL-SHARKAWY, Ph.D. , NEHAL M. KHAERY,M.Sc.: Neopterin as a Biomarker in Liver Fibrosis of Schistosomamansoni , The Departments of Chemical Pathology and Parasitology and Blood Research in Basic Medical Science Department ,National Organization For Drug Control And Research(NODCAR), El-Giza ,Cairo , Egypt , Med. J. Cairo Univ. 79, No. 1 June 199-209 .

2-NADIA SAYED,Ph.D ; HAYAM MAHMOUD HUSSIEN, Ph.D , SAMUEL TANAS MELEK, M.D., SAHAR KAMAL A.DARWISH, Ph.D & GABER A.EL-AZIZ MOHAMAD M.D.: Study the Relation Between Intestinal Flora and Rheumatoid Arthritis (RA),The Departments of Physiology , Microbiology , Basic Medical Science and Histopathology, National Organization For Drug Control And Research(NODCAR) and the Department of Tropical Medicine , Imbaba Fever Hospital , El-Giza ,Cairo , Egypt, Med. J. Cairo Univ. 78, No.2, June : 13 - 25 .

3-Nadia M.S. Arafa , Hayam M. Hamuda, Samuel T. Melek, Sahar K. Darwish,: The Effectiveness of Echinacea extract or CompositeGlucosamine, Chondroitin and Methyl Sulfonyl MethaneSupplements on Acute and Chronic Rheumatoid Arthritis RatModel , Physiology , Microbiology , Basic Medical Scienceand Histopathology departments , National Organization For Drug Control And Research (NODCAR) , Toxicol. Ind. Health J. December vol.28.

4-Melek S.T. , Khairy T.M., El-Sharkawy M.R. and Amin, G.A. : Interrelation between Adiponectin level and Insulin Sensitivity in Obese Subjects , Biochemistry Dept. , and Basic Medical Science Dept. , NODCAR. Cairo , Int. Med. Dept., Med. Res. Inst. , Alex. Egypt. J. Biomed. Sci. Vol. 25 .

5-Samuel Tanas Melek , Rokaya Mahmoud Hussien, Mohamed Rashad El-Sharkawy and Tarek Mohamed Khairy : The Effect of Metformin on Adiponectin Level in Obese and Diabetic Rats , Basic Medical Science , Endocrinology and Biochemistry Departments , National Organization for Drug Control And Research (NODCAR) , Cairo . Egypt. J. Biomed. Sci. Vol. 28.

6- Bassily, N.S. ; Darwish , S.K.; El-Sharkawy , M.R. ; Melek , S.T. and Khairy , T.M. : Ultra structural and biochemical studies on the effects of natural and synthetic anti-fibrotic drugs on liver of Schistosomamansoni infected mice when given with anti-schistosomal treatment , Histopathology, Parasitology and Blood Research, Basic Medical Science, and Biochemistry departments , National Organization For Drug Control And Research (NODCAR),El-Giza ,Cairo , J. Drug Res. Egypt, Vol.29, No.1

7. Mohamed S. Gabry¹, Galal H. Elgemeie, Nahed S. Basseli, Samuel T. Melek, Saadia E. Hafez, Omar A. Farid and Shimaa S. Abdelhady: : Histological and Morphometric Evaluation of 1,3,4-Oxadiazole 2-thiol Efficiency Against Hepatocellular Carcinoma , Chemistry Dept., Zoology and Entomology Dept., Faculty of Science, Helwan University, Ain-Helwan,Cairo, Egypt. Histology, Physiology ,blood research and Parasitology Dept., National Organization For Drug Control And Research (NODCAR),Cairo, Egypt. Faculty of pharmacy,Delta university for science and technology , Gamasa , El-Mansoura , Egypt, J. Drug Res. Egypt, Vol. 37, No.1 (2016).

8- Mohamed S. Gabry¹, Galal H. Elgemeie, Nahed S. Basseli, Samuel T. Melek, Saadia E. Hafez, Omar A. Farid and Shimaa S. Abdelhady: : Biological Evidences of Hepatocellular Carcinoma Treatment with 1,3,4-oxadiazole-2-thiol as Anticancer Agent, Chemistry Dept., Zoology and Entomology Dept., Faculty of Science, Helwan University, Ain-Helwan,Cairo, Egypt. Histology, Physiology ,blood research and Parasitology Dept., National Organization For Drug Control And Research (NODCAR) Cairo, Egypt. . Faculty of pharmacy,Delta university for science and technology , Gamasa , El-Mansoura , Egypt, J. Biomol Res Ther, Volume 6 • Issue 2 • 1000153J an open access journal ISSN: 2167-7956, 2017.

9-Wagih A. El-Shouny , Samoil T. Melek & Mostafa A. Sharafeldin¹: STUDY THE EFFECT OF HEPATIC TRIPLE THERAPY COMBINATION (INTERFERON, SOVALDI & RIBAVIRIN) ON GENOTYPE 4 HEPATITIS C VIRAL STRAIN THAT DIFFUSE IN EGYPT, Department of Botany (Microbiology), Faculty of Science, Tanta University, Tanta, Egypt . National Organization of Drug Control and Research, Cairo, and Delta University, El-Mansoura, Egypt. G.J.B.A.H.S.,Vol.6(1):41-49, ISSN: 2319 – 5584 (January-March,2017)

10- S.Z.A Eid , N.F.Abdeltawab, S.Melek, M.Amin :Correlation of interferon-gamma and Interleukin-28B levels in patients with chronic hepatitis C viral infection with or without Schistosomamansoni co-infection, National Organization For Drug Control And Research (NODCAR) Cairo, Egypt. Faculty of pharmacy, Delta university for science and technology , Gamasa , El-Mansoura, Egypt . Faculty of pharmacy, Cairo university, Cairo, Egypt. International Journal of Infectious Diseases,Volume 45, Supplement 1, Page 427 , 455;1-477,2016

11-Samuel T. Melek,Abdel Wahab El-Ghareeb, Sahar Darwish, Ayman Badawy, Dina Sabry, Shrouk Mohamed Ahmed: The effect of stem cell therapy compared to traditional therapy in the treatment of diabetic albino rats,Clinical Biochemistry, faculty of Pharmacy, Delta university for science and technology, Gamasa, el mansoura, Egypt and Chemical pathology, National Organization for Drug Control And Research (NODCAR) – Egypt. Department of Zoology, Faculty of Science, Cairo University-Egypt. National Organization for Drug Control And Research (NODCAR) – Egypt.

Faculty of Medicine, Cairo University-Egypt. International Journal of Case Studies in Clinical Research, Volume 3 Issue 4, September 2019.

12- Ashraf M Barakat, Amal E Saafan, Samuel T Melek, Tahani S Behour, Nehal M Khairy, Ahmed S Khairalla; Biological risk assessment of miltefosine in concomitant infection with opportunistic toxoplasmosis. Department of Zoonotic Diseases, National Research Center, Cairo, Egypt . Department of Pharmaceutical Microbiology, Faculty of Pharmacy, Menoufia University, Menoufia, Egypt . Department of Parasitology and Blood Research, National Organization for Drug Control and Research (NODCAR), Giza, Egypt and Clinical Biochemistry, faculty of Pharmacy, Delta university for science and technology, Gamasa, el mansoura, Egypt . Department of Biotechnology Research Unit, Animal Reproduction Research Institute, Giza, Egypt . Department of Microbiology and Immunology, Faculty of Pharmacy, Beni-Suef University, Beni-Suef, Egypt. J Infect Dev Ctries 2019; 13(6):554-564. doi:10.3855/jidc.11093.

13- MOHAMED H. YASSIN , SAMUEL T. MELEK, MOHAMED E. RASHED, TAGHREED A. ZIDAN; Immunological study for Helicobacter pylori bacteria in Egyptian patients. Botany Department, Faculty of Science Benha University, Benha, Egypt. Parasitology and Blood Research Department, National Organization for Drug Control and Research (NODCAR), Cairo, Egypt. Microbiology Department, National organization for Research and Control of Biologicals (NORCB), Cairo, Egypt. Botany Department, Faculty of Science Benha University, Benha, Egypt. Journal of Bioscience and Applied Research ,2016, Vol.2, No.12, PP758-763 pISSN: 2356-9174, eISSN: 2356-9182

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