

Sayed F. Abdelwahab, Ph.D.



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Date of Birth: April 13, 1966
Place of Birth: Minia, Egypt
Marital status: Married
Nationality: Egyptian

Education:

- 1) Ph.D. Microbiology and Immunology (1997-2002). Dissertation: Production of anti-HIV-1 factors during antigen-specific differentiation of naïve human CD4⁺ T cells *in vitro*, University of Maryland, Baltimore (USA).
- 2) Master's Degree in Pharmaceutical Microbiology (1991-1994), Faculty of Pharmacy, Zagazig University, Egypt. Thesis: "Prevalence of Shigella and Salmonella genera in rural and urban areas in El-Minia Governorate".
- 3) B.Sc. of Pharmaceutical Sciences (1984-1989), Faculty of Pharmacy, Assuit University, Egypt. Grade: Excellent with the degree of honor, top ranked student at Assuit University.
- 4) Passed the American Foreign Pharmacy Graduates Equivalency Exam (FPGEE) exam, June 2005.

Professional positions held:

1. **Ambassador** of American Society of Microbiology in Egypt, Jan 2018-Dec 2020.
2. **Professor**, Department of Microbiology, College of Pharmacy, Taif University, Taif, KSA, Sept. 2014-present.
3. **Co-Director**, Curricula Development Unit, College of Pharmacy, Taif University, Taif, KSA, March. 2015-present.
4. **Director**, Quality Assurance Unit, College of Pharmacy, Taif University, Taif, KSA, Sept. 2014-Feb 2015.
5. **Professor**, Department of Microbiology and Immunology, Faculty of Medicine, Minia University, June 2014-present.
6. **Director**, Faculty Leadership Development Center (FLDC), Minia University, May 2012-Sept 2014.

7. **Associate professor**, Department of Microbiology and Immunology, Faculty of Medicine, Minia University, June 2009-June 2014.
8. **Lecturer (Assistant professor)**, Department of Microbiology and Immunology, Faculty of Medicine, Minia University, March 2004-June 2009.
9. **Consultant Microbiologist and Immunologist**, Egyblood/VACSERA, Cairo from Feb 2004-Sept. 2014.
10. **Consultant Immunologist**, University of Maryland-Egypt Hepatitis C Project conducted by the Center for Health Research Project (CHRP) at the National Tropical Medicine Research Institute, and currently at Egyblood/VACSERA, Cairo from February 2004-Sept 2014.
11. **Adjunct Assistant Professor**, Institute of Human Virology, University of Maryland, Baltimore, June 2004-July 2008.
12. **Post-doctoral fellow**, Prof. G. K. Lewis Lab, Institute of Human Virology, University of Maryland, Baltimore, 2002-2004.
13. **Graduate student**, Department of Microbiology and Immunology, University of Maryland, Baltimore 1997-2002.
14. **Assistant lecturer**, Department of Microbiology and Immunology, Faculty of Medicine, Minia University, April 1994-March 2004.
15. **Demonstrator**, Department of Microbiology and Immunology, Faculty of Medicine, Minia University, June 1991-April 1994.
16. **Demonstrator**, Department of Pharmacognosy and Medicinal Plants, Faculty of Pharmacy, Assuit University, October 1989-June 1991.

Completed Research Support:

1. Taif University Project #1-1-437-5211, Abdelwahab, S. (PI). 1/10/2016-30/4/2018. The project is entitled "Genotypic detection of carbapenemases in *Acinetobacter* spp. isolated from tertiary care hospitals in Taif city". The aim of this grant is to evaluate the genetic mechanisms of carbapenemases resistance among *Acinetobacter* isolates in Taif area, KSA. Role: PI, Total Budget: 73,000 SAR.
2. Taif University Project #1-437-5292, Abdelwahab, S. (PI). 1/10/2016-30/4/2018. The project is entitled "Genotypic detection of quinolone resistance among clinical isolates of *Pseudomonas* species recovered from Taif area". The aim of this grant is to evaluate the genetic mechanisms of quinolone resistance among *Pseudomonas* isolates in Taif area, KSA. Role: PI, Total Budget: 62,400 SAR.
3. **STDF HCV TC 2/Health/2009/hep-1.1** Project #1664, Abdelwahab (PI). 23/5/2011-22/6/2014. The project is entitled "Assessment of hepatitis C protective cellular immune responses among Egyptian health care workers at high risk of infection". The purpose of this grant is to evaluate the cell mediated immunity in seronegative, aviremic health care workers at the National Liver Institute (NLI), who are at very high risk of getting HCV infection. Role: PI, Total Budget: 1,048,800LE. *Extended till May 22nd 2014 at no additional cost.*
4. **FP7** Project # 260844, Diepolder, H (Coordinator). 1/11/2010-31/10/2013. A SICA collaborative project funded by the European Commission (Framework Program 7). The project is entitled: Host and viral factors in acute hepatitis C (Acronym: HEPACUTE). This project investigates the early events in acute HCV infection with the aim to identify new biomarkers. Total budget: €3,000,000 (allocated to Dr Abdelwahab: €243,000). Role: Egyptian Major Collaborator and leader of work package 8 (among 17 partners from 6 European countries, Morocco and Egypt). *Extended till April 30th 2014 at no additional cost.*

5. **FP6** Project # 037435, Cortese, R (Coordinator). 1/2/2007-31/7/2012. An integrated project funded by the European Commission (Framework Program 6). The project is entitled: New preventative and therapeutic Hepatitis C vaccines: from pre-clinical to phase 1 (Acronym: HEPACIVAC). This project has been extended for 6 months with no extra cost.
Role: Egyptian Major Collaborator (among twelve other partners from 6 European countries and Egypt). Egypt's total budget: €450,000. (no cost extension for 6 months)
6. 02-2007-049, Mohamed MM (P.I.): Inflammatory Breast Cancer: Research paradigm for understanding disease morbidity in the period from 1/10/07 – 30/1/09, supported by **Avon Foundation**. This project aims to define pathobiological characteristics of inflammatory breast cancer that can be used diagnostically and potentially for the design of efficacious therapeutic agents/strategies for treatment of IBC. Role: Co-investigator. Total budget is \$75,000.
7. LE13KO.48 & .49 El-Kamary (PI): Efficacy of silymarin for acute hepatitis in Egypt: a randomized, double-blinded, two-dose, placebo-controlled trial: 7/1/07 – 12/31/08: **Madaus GmbH Corporation**, Cologne, Germany. The purpose of this grant is to evaluate the effect of a commonly used herbal supplement, silymarin, on acute and chronic hepatitis and its role on mediating the inflammatory pathology in the liver in viral and non-viral causes of hepatitis. Role: Co-investigator
8. 5R21AI67868-2 funded by **NIH** (Shata): Towards Understanding the Morbidity of Hepatitis E Virus Infection. August 2006 to July 2008. Role: Co-investigator.
9. Development of an Educational Infection Control Course in Minia University Hospital. 07/16/2005-01/15/2007. Project number: D-026-M0 supported by the **HEEPF** branch of the Egyptian Ministry of Higher Education. Role: Manager (Principal Investigator). Total fund: \$100,601 USD.
10. Establishment of an internal quality assurance unit in the faculty of Medicine, Minia University starting December 2005 (for 1 year) supported by the **QAAP** branch of the Egyptian Ministry of Higher Education. Role: Co-Manager (Co-investigator). Total fund: LE 150,000.
11. 1U01HD39164 (Strickland) 9/15/00 - 8/31/06 **NIAID**, Determinants of Hepatitis C & E Morbidity. This project describes the epidemiology of HEV in areas of unparalleled endemicity (Egypt), assess community-level impact on pregnancy and fetuses, assess the pattern of infection early in life, and assess zoonotic potential and type HEV. Role: Co-investigator.
12. 059113 Strickland (PI); 7/1/00 - 6/30/07: **Welcome Trust**: Evaluation of Protective, Disease-Associated & Therapeutic Immunity to Hepatitis C Virus Infection. This project conducted immunological evaluations in Egypt to gain a better understanding of the mechanisms of "protective immunity" that enables a person to spontaneously clear acquired infection, "disease-associated immunity" which relates to whether a person with chronic infection develops cirrhosis, and "therapeutic immunity" to develop more effective treatment(s) for HCV. Role: Co-investigator.

Professional Publications:

A. Peer Reviewed International Publications:

1. H. A. Hassan, **S. F. Abdelwahab**, S. Y. Desoukey , K. M. Mohamed, M. S. Kamel. Comparative study of antimicrobial activity of seven Ficus species cultivated in Egypt. (accepted in **Indian J. Public Health Research & Development, 2020 vol. 11(2)**). PP (TBD).

2. M.F. El-Badawy, **S. F. Abdelwahab**, S. A. Alghamdi, and M. M. Shohayeb. Characterization of phenotypic and genotypic traits of carbapene.m-resistant *Acinetobacter baumannii* clinical isolates recovered from a tertiary care hospital in Taif, Saudi Arabia. **Infection and drug resistance**, **2019**: 12: 3113-3124.
3. MF El-Badawy, MM Alrobaian, MM Shohayeb, **SF Abdelwahab**. Investigation of six plasmid-mediated quinolone resistance genes among clinical isolates of pseudomonas: a genotypic study in Saudi Arabia. **Infection and drug resistance**, **2019**: 12, 915-923.
4. Ahmed O. El-Nezhawy, Majed M. Al-Robayan, Ahmed Khames, Mohamed F. El-Badawy, **Sayed F. Abdelwahab**. Design and Total Synthesis of (-)-Codonopsinine, (-)-Codonopsinine and Codonopsinine Analogues by O-(2-oxopyrrolidin-5-yl)trichloroacetimidate as Amidoalkylating Agent with Improved Antimicrobial Activity via Solid Lipid Nanoparticle Formulations (**Bioorganic and Medicinal Chemistry**, **2019**: 27 (7), 1263-1273).
5. Z.A. Zakaria, S. Knapp, M. Hashem, H. Zaghla, M. Thursz, I. Waked, and **S.F. Abdelwahab**. Interleukin 28A. rs12980602 and interleukin 28B. rs8103142 genotypes could be protective against HCV infection among Egyptians. **Immunologic research**, **2018**: 1-11. doi.org/10.1007/s12026-018-9035-2
6. Wahid A, Hamzawy MA, Khalifa MMA, Gad GFM, Bekhit A, **Abdelwahab SF**. RNA protein kinase SNP at -226 C<T is a biomarker for the clearance of HCV among Egyptian patients. **Immunol Invest**. **2018** Aug 6:1-11. doi: 10.1080/08820139.2018.1493496.
7. Hashem M, Zaghla H, Zakaria Z, Allam WR, Sameea EA, Mikhail NN, Sobhy M, Galal IF, Mokhtar Y, Hamdy S, Galal G, **Abdelwahab SF**, Waked I. High spontaneous clearance of symptomatic iatrogenic acute hepatitis C genotype 4 infection. **J Med Virol**. **2018** Jul 16. doi: 10.1002/jmv.25270.
8. Hassan HA, Geniady MM, **Abdelwahab SF**, Abd-Elghany MI, Sarhan HA, Abdelghany AA, Kamel MS, Rodriguez AE, Alio JL. Topical Eugenol Successfully Treats Experimental *Candida albicans*-Induced Keratitis. **Ophthalmic Res**. **2018**;60(2):69-79. doi: 10.1159/000488907.
9. Hamdy S, Osman AM, Zakaria ZA, Galal I, Sobhy M, Hashem M, Allam WR, Abdel-Samiee M, Rewisha E, Waked I, **Abdelwahab SF**. Association of Toll-like receptor 3 and Toll-like receptor 9 single-nucleotide polymorphisms with hepatitis C virus persistence among Egyptians. **Arch Virol**. **2018** Jun 2. doi: 10.1007/s00705-018-3893-8.
10. Dalia N. Kotb, Mona A. Esmail, **Sayed F. Abdelwahab**, Mohamed Abdel-Hamid: Evaluation of Hepatitis C Virus Core Antigen as a Marker for Hepatitis C Virus Infection among Egyptians. **Eastern Mediterranean Health Journal**, **2017**; 23 (4): 280-286
11. Abdelkareem MZ, Sayed M, Hassuna NA, Mahmoud MS, **Abdelwahab SF**. Multi-drug-resistant *Enterococcus faecalis* among Egyptian patients with urinary tract infection. **Journal of Chemotherapy** **2017**; 29 (2): 74-82.
12. Abdelraheem WM, Hassuna NA, Abuloyoun SM, Ghany HMA, Rizk HA, **Abdelwahab SF**. Interleukin-10. rs1800896 and Interleukin-18. rs1946518 gene polymorphisms could not predict the outcome of hepatitis C virus infection in Egyptian patients treated with pegylated interferon plus ribavirin. **Archives of virology** **2016**; 161(9): 2473-2480

13. Mehta M, Hetta HF, Abdel-hameed EA, Rouster SD, Hossain M, Mekky MA, Khalil NK, Mohamed WA, El-Feky MA, Ahmed SH, Daef EA, El-Mokhtar MA, **Abdelwahab SF**, Medhat A, Sherman KE, Shata MTM. Association between IL28B rs12979860 single nucleotide polymorphism and the frequency of colonic Treg in chronically HCV-infected patients. *Archives of virology* **2016**; 161(11): 3161-3169.
14. Hasan G, Assiri A, Marzuuk N, Daef E, **Abdelwahab S**, Ahmed A, Mohamad I, Al-Eyadhy A, Alhaboob A, Temsah M-H. Incidence and characteristics of hepatitis E virus infection in children in Assiut, Upper Egypt. *Journal of International Medical Research* **2016**: 0300060516659575
15. **Abdelwahab SF**. Cellular immune response to hepatitis-C-virus in subjects without viremia or seroconversion: is it important? *Infectious agents and cancer* **2016**; 11(1): 1.
16. Mahdi WK, Hassuna NA, Esmail MA, Hammad SS, **Abdelwahab SF**. Molecular Typing of Methicillin Resistant Staphylococcus aureus Colonizing Egyptian Healthcare Workers and Patients. *Int J Curr Microbiol App Sci* **2016**; 5(6): 687-698.
17. Soha S. Abdelrahim, Rasha M. M. Khairy, Mona A. Esmail, Mahmoud R. Mohamed, Mohamed Abdel-Hamid, and **Sayed F. Abdelwahab**. Occult hepatitis C virus infection among Egyptian hemodialysis patients. *Journal of Medical Virology*, **2016**; 88:1388–1393. DOI: 10.1002/jmv.24467.
18. Fawzy M, Wahid A, Nazmy M, Hashem M, Waked I, **Abdelwahab S**. Association of Interleukin-27 rs 153109 Single Nucleotide Polymorphism with Spontaneous Resolution of Hepatitis C Virus-Genotype 4a Infection in Egyptian Patients. *Asian Pacific journal of cancer prevention: APJCP* **2015**; 17(4): 2093-2097.
19. Ibrahim M. Sayed, Ann-Sofie Vercauteren, **Sayed F. Abdelwahab**, Koen Vercauteren, Philip Meuleman. Is HEV an emerging problem in industrialized countries? **HEPATOLOGY** **2015**; 62: 1883-1892, doi: 10.1002/hep.27990.
20. **Sayed F. Abdelwahab**, Zainab Zakaria, Maha Sobhy, Shaimaa Hamdy, Mohamed A. Mahmoud, Nabil Mikhail, Walaa R. Allam, Eman Rewisha, and Imam Waked. Differential Distribution of IL28B.rs12979860 Single Nucleotide Polymorphism among Egyptian Healthcare Workers with and without Hepatitis C Virus-Specific Cellular Immune Response. *Archives of Virology*, **2015**; 160:1741-1750.
21. **Sayed F. Abdelwahab**, Zainab Zakaria; Walaa R. Allam; Shaimaa Hamdy; Mohamed A. Mahmoud; Maha Sobhy, Eman Rewisha, and Imam Waked. Interleukin 28B.rs12979860 Genotype does not Affect Hepatitis C Viral Load among Egyptians with Genotype 4 Infection. *Archives of Virology*, **2015**; 160 (7):2833–2837.
22. Ahmed O. H. El-Nezhawy, Ahmad Farouk Eweas, Ibrahim A. Maghrabi, Ahmed Salah Edalo, and **Sayed F. Abdelwahab**. Design, synthesis, and molecular docking of novel pyrrolooxazepine diol derivatives with anti-Influenza neuraminidase activity. *Archiv der Pharmazie*, **2015**; 348, 1–10.
23. Ibrahim M Sayed, Koen Vercauteren, **Sayed F Abdelwahab** & Philip Meuleman. The emergence of hepatitis E virus in Europe. **Future Virol.** (2015); 10(6), 763–778.
24. Ghada M. Abd-Elmeged; Rasha M. Khairy; Sahar M. Abo-Eloyoon and **Sayed F. Abdelwahab**. Changing patterns of drug-resistant *Shigella* isolates in Egypt. **Microbial Drug Resistance**, **2015**; 21(3):286-91. doi: 10.1089/mdr.2014.0187.

25. Susanne Knapp, Zainab Zakaria, Mohamed Hashem, Hassan Zaghla, Salim I. Khakoo, Imam Waked, Mark Thursz, and **Sayed F. Abdelwahab**. Influence of IFNL3.rs12979860 and IFNL4.ss469415590 Polymorphism on the Clearance of Hepatitis C Virus Infection among Egyptians. **Hepatology International**, 2015; 9(2): 251-257.
26. Eman F. Ahmed; Gamal F. M. Gad; Ahlam M. Abdalla; Ayman M. Hasaneen; and **Sayed F. Abdelwahab**. Prevalence of Methicillin Resistant *Staphylococcus aureus* among Egyptian Patients after Surgical Interventions. **Surg. Infect.** 2014; Aug;15(4):404-11.
27. Iman Fathy; Zainab Zakaria; Walaa R. Allam; Mohamed A. Mahmoud; Ahmed Refaat; Ahmed Osman; Imam Waked; G. Thomas Strickland; and **Sayed F. Abdelwahab** (2014). Cross reactivity in cellular immune response to HCV G-1 and 4 antigens among G-4-infected patients (**PLoS1**, 2014 Jun 30; 9(6):e101264. doi: 10.1371/journal.pone.0101264. eCollection 2014.
28. Fatma O. I. Saleh; Hazem A. Ahmed; Rasha M. M. Khairy; and **Sayed F. Abdelwahab**. Increased Quinolone Resistance among Typhoid Salmonellae Isolated from Egyptian Patients (**J. Infect. Develop. Countries**; 2014; 8(5):661-665. doi:10.3855/jidc.4111).
29. Walaa R. Allam; Ahmed Barakat; Zainab Zakaria; Gehan Galal; Tamer S. Abdel-Ghaffar; Mohamed El-Tabbakh; Nabeil Mikhail; Imam Waked; and **Sayed F. Abdelwahab** (2014). Schistosomiasis does not affect the outcome of HCV infection in genotype 4-infected patients. **Amer. J. Trop. Med. Hyg.**, 90(5):823-9. doi: 10.4269/ajtmh.13-0703.).
30. Febee E. Habil, Wafaa K. M. Mahdi, **Sayed F. Abdelwahab**, and Mohamed Abdel-Hamid. Hepatitis B virus genotype D predominates HBsAg positive Egyptian blood donors and is mainly associated with a negative HBeAg serostatus. **Intervirolology**, July, 2013; 56(5):278-83.
31. **Sayed F. Abdelwahab**, Mohamed Hashem, Iman Galal, Maha Sobhy, Tamer S. Abdel-Ghaffar, Gehan Galal, Nabeil Mikhail, Samer S. El-Kamary, Imam Waked, and G. Thomas Strickland. Incidence of Hepatitis C Virus Infection among Egyptian Healthcare Workers at High Risk of Infection. **J. Clin. Virol.**, 2013; (57): 24-28.
32. Samer S. El-Kamary, Mohamed Hashem, Doaa A. Saleh, **Sayed F. Abdelwahab**, Maha Sobhy, Fatma M. Shebl, , Michelle D. Shardell, G. Thomas Strickland, and Mohamed Tarek Shata. Hepatitis C Virus-Specific Cell-Mediated Immune Responses in Children Born to Mothers Infected with Hepatitis C Virus. **J. Pediatrics**, 2013; 62:148-54.
33. Shata, MT, Daef, E, Zaki, ME, **Abdelwahab, SF**, Marzuuk, NM, M, Sobhy, Rafaat, M, Abdelbaki, L, Nafeh, MA, Hashem, M, El-Kamary, SS, Shardell, MD, Mikhail, NN; Strickland, GT. Protective role of humoral immune responses during an outbreak of hepatitis E in Egypt. **Transactions of the Royal Soc. Trop. Med. and Hyg.**, 106 (2012) 613– 618.
34. **Sayed F. Abdelwahab**; Zainab Zakaria; Maha Sobhy; Eman Rewisha; Mohamed A. Mahmoud; Mahmoud A. Amer; Mariarosaria Del Sorbo; Stefania Capone; Alfredo Nicosia; Antonella Folgori; Mohamed Hashem; and Samer S. El-Kamary. Hepatitis C Virus-Multi-Specific T-Cell Responses without Viremia or Seroconversion among Egyptian Healthcare Workers at High Risk of Infection. **Clinical and Vaccine Immunology**, 2012; 19(5):780-6. DOI: 10.1128/CVI.00050-12.
35. **Sayed Abdelwahab**, Eman Rewisha, Mohamed Hashem, Maha Sobhy, Iman Galal, Walaa R. Allam, Nabeil Mikhail, Gehan Galal, Mohamed El-Tabbakh, Samer S. El-Kamary, Imam Waked, and G. Thomas Strickland. Risk Factors for Hepatitis C Virus Infection among

- Egyptian Healthcare Workers in a National Liver Diseases Referral Center. **Transactions of the Society for Tropical Medicine and Hygiene** (2012) 106: 98-103.
36. Ebtsam S. Mahrous; Mirret M. Darwish; Soheir A. Dabash; Ibrahim Marie, and **Sayed F. Abdelwahab**. Topical application of human milk reduces umbilical cord separation time and bacterial colonization compared to ethanol in newborns. **Translational Biomedicine** (2012); 3(1:4): 1-8 (DOI: 10.3823/432).
 37. Mohamed Hashem, Samer S El-Kamary, Hanaa El-Karakasy, Maha Sobhy, Heba Helmy, Suzan El-Naghi, Gehan Galal, Zainab Zakaria, Gamal Esmat, **Sayed F Abdelwahab**, Mohamed T Shata, G. Thomas Strickland. Strong Hepatitis C Virus (HCV)–specific Cell-mediated Immune Responses in the Absence of Viremia or Antibodies Among Uninfected Siblings of HCV Chronically Infected Children. **J. Infectious Dis.** (2011); 203: 854-861
 38. Shaaban H. Ahmed; **Sayed F. Abdelwahab**; Ayman M. Hasanen; Doaa S. Mohammed. Multidrug resistant Egyptian isolates of *Acinetobacter baumannii*. **J. American Science** (2011); 7(1): 1013-1019.
 39. Mohamed El-Shinawi, **Sayed F. Abdelwahab**, Maha Sobhy, Mohamed A. Nouh, Bonnie F. Sloane, and Mona M. Mohamed. Capturing and characterizing immune cells from breast tumor microenvironment: An innovative surgical approach. **Ann. Surg. Oncol.** (2010); 17:2677–2684
 40. Yongjun Guan, **Sayed Abdelwahab**, Roberta Kamin-Lewis, Anthony L. DeVico, George K. Lewis. ‘Self-Protection’ of Individual CD4+ T Cells against R5 HIV-1 Infection by the Synthesis of Anti-Viral CCR5 Ligands. **PLoS ONE** (2008): 3(10): e3481.
 41. Gurvinder Kaur, Michael Tuen, Diana Virland, Sandra Cohen, Narinder K. Mehra, Christian Münz, **Sayed Abdelwahab**, Alfredo Garzino-Demo, Catarina E. Hioe. Antigen stimulation induces HIV envelope gp120-specific CD4⁺ T cells to secrete CCR5 ligands and suppress HIV infection. **Virology** (2007), 369(1): 214-225
 42. Shata, M.T; Barrett, A.; Shire, N.J., **Abdelwahab, S.F.**; Sobhy, M.; Daef, E; El-Kamary, S; Hashem, M.; Engle, R.; Purcell, R.; Emerson, S.; Strickland, G.T.; Sherman, K. E. Characterization of hepatitis E-specific cell-mediated immune response using IFN- γ elispot assay. **J. Immunol Methods** (2007); 328: 152–161
 43. L. Buonaguro, M. L. Tornesello, M. Tagliamonte, R. C. Gallo, L. X. Wang, R. Kamin-Lewis, **S. Abdelwahab**, G. K. Lewis, and F. M. Buonaguro. Baculovirus-Derived Human Immunodeficiency Virus Type 1 Virus-Like Particles Activate Dendritic Cells and Induce Ex Vivo T-Cell Responses. **Journal of Virology** (2006); 80 (18): 9134–9143.
 44. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, Timothy R. Fouts and George K. Lewis. Cholera toxin indirectly activates human Monocyte derived dendritic cells in vitro through the production of soluble factors, including prostaglandin E2 and nitric oxide. **Clinical and Vaccine Immunology** (2006), 13(1): 106-115.
 45. Lingling Sun, Catherine M. Finnegan, Tina Kish-Catalone, Robert Blumenthal, Paolo Garzino-Demo, Gian M. La Terra Maggiore, Sid Berrone, Carol Kleinman, Zhibin Wu, **Sayed Abdelwahab**, Wuyuan Lu, and Alfredo Garzino-Demo. Human β -Defensins Suppress Human Immunodeficiency Virus Infection: Potential Role in Mucosal Protection. **J. Virology** (2005), Vol. 79 (22): 14318–14329.
 46. Maged Al-Sherbiny, Ahmed Osman, Nahla Mohamed, M. Tarek Shata, Fatma abdel-aziz, Mohamed Abd-Hamid, **Sayed F. Abdelwahab**, Nabil Mikhael, Sonia Stoszek, Lionello Ruggeri, Antonella Folgori, Alfredo Nicosia, Alfred M. Prince, and G. Thomas Strickland. Exposure to hepatitis c virus induces cellular immune responses without Detectable viremia

- or seroconversion. **American Journal of Tropical Medicine and Hygiene (2005)**, 73(1): 44-49.
47. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, and George K. Lewis. *Pasteurella multocida* toxin activates human monocyte-derived and murine bone marrow-derived dendritic cells *in vitro* but suppresses antibody production *in vivo*. **Infection and Immunity (2005)**; 73(1): 413-421.
 48. Lingling Sun, **Sayed F. Abdelwahab**, George K. Lewis, Robert C. Gallo, and Alfredo Garzino-Demo. Recall Antigen Activation Induces Prompt Release of CCR5 Ligands from Peripheral Blood Mononuclear Cells: Implication in Memory Responses and Immunization. **International Immunology (Nov 2004)**; 16(11): 1623-31.
 49. William Reid, **Sayed F. Abdelwahab**, Mariola Sadowska, David Huso, Ashley Neal, Aaron Ahearn, Joseph Bryant, Robert C. Gallo, George K. Lewis, and Marvin Reitz . HIV-1 Transgenic Rats Develop T Cell Abnormalities. **Virology (2004)**, 321: 111-119.
 50. Bagley, K. C., **S. F. Abdelwahab**, R. G. Tuskan, and G. K. Lewis. Calcium signaling through phospholipase C activates dendritic cells to mature and is necessary for the activation and maturation of dendritic cells induced by diverse agonists. **Clinical and Diagnostic Laboratory Immunology (2004)**, 11: 77-82.
 51. **Abdelwahab, S. F.**, F. Cocchi, K. C. Bagley, R. Kamin-Lewis, R. C. Gallo, A. DeVico, and G. K. Lewis. HIV-1-suppressive factors are secreted by CD4+ T cells during primary immune responses. **PNAS (2003)**, 100:15006-15010.
 52. Bagley, K. C., **S. F. Abdelwahab**, R. G. Tuskan, and G. K. Lewis. An enzymatically active a domain is required for cholera-like enterotoxins to induce a long-lived blockade on the induction of oral tolerance: new method for screening mucosal adjuvants. **Infection and Immunity (2003)**; 71:6850-6856.
 53. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, George K. Lewis and Frank J. Denaro. Immunohistochemical identification of lymphocyte antigens using a modified methacrylate method adapted for standard microtomes. **The Journal of Histotechnology (2003)**, 26(1): 53-56.
 54. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, Timothy R. Fouts and George K. Lewis. Pertussis toxin and the adenylate cyclase toxin from *Bordetella pertussis* activate human monocyte-derived dendritic cells and dominantly inhibit cytokine production through a cAMP-dependent pathway. **Journal of Leukocyte Biology (2002)**, 72: 962-969.
 55. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, Timothy R. Fouts and George K. Lewis. Cholera toxin and heat-labile enterotoxin activate human monocyte-derived dendritic cells and dominantly inhibit cytokine production through a cAMP-dependent pathway. **Infection and Immunity (2002)**, 70 (10): 5533-5539.
 56. Roberta Kamin-Lewis, **Sayed F. Abdelwahab**, Christine Trang, Amanda Baker, Anthony L. DeVico, Robert C. Gallo, and George K. Lewis. Perforin low memory CD8+ cells are the predominant T cells in normal humans that synthesize the β -chemokine MIP-1 β . **PNAS (2001)**, 98 (16): 9283-9288.

B. Peer Reviewed Publications in Egyptian Journals on Pubmed (International):

1. Ibrahim, E. H.; **Abdelwahab, S. F.**; Nady, S.; Hashem, M.; Galal, G.; Sobhy, M.; Saleh A. S., and Shata, M.T. Prevalence of anti-HEV IgM among blood donors in Egypt. **Egy J Immunol (2011)** Vol. 18(2):47-58.
2. Sherif A. Ibrahim, **Sayed F. Abdelwahab**, Mona M. Mohamed, Ahmed M. Osman, Eman Fathy, Kamal S. Al-Badry, Nabil Al-Kady, Gamal E. Esmat, and Maged M. Al-Sherbiny. T

cells are depleted in HCV-induced Hepatocellular Carcinoma Patients: Possible Role of Apoptosis and p53. **Egyptian Journal of Immunology** (2006); Vol. 13 (2): 11-22.

C. Peer Reviewed Publications in Local Egyptian Journals:

1. A. I. Abdul-Aziz, **S. F. Abdelwahab**, W. M. Refai. Quantitative analysis of adhesion of *Streptococcus mutans* and *Lactobacillus casei* to orthodontic brackets with different methods of ligation. **Egyptian dental Journal**, 2018; 64(3): 1517-1524.
2. Sherif, A.A.M.A; Ahmed M. Ammar A.M., El-Bialy, A.I.; Mohammed, H. A.; **Abdelwahab, S.F.**; and Gad, G.F.M. Mechanisms of cephalosporins resistance among isolates of *Pseudomonas aeruginosa*. **N. Egypt J. Microbiol.** (2018); Vol 47: 53-65.
3. Doaa Safwat. **Sayed F. Abdelwahab**; Ayman M. Hasanen; Hend M. Abdel-Ghany; Shaaban H. Ahmed. Prevalence of *Acinetobacter baumannii* at Minia University Hospital. **Egyptian Journal of Medical Microbiology** (2011) Vol. 20(1): 63-68.
4. **Sayed F. Abdelwahab**, Mahmoud S. Mahmoud and George K. Lewis. Cholera toxin differentially binds to murine lymphocytes. **N. Egypt J. Microbiol.** (2010); Vol. 25: 119-134.
5. Eman M. Mahfouz, Fadia Abdel-Hamid Mossalam, Safaa M. Abdel-Rahman, Sahar A. Abood, and **Sayed F. Abdelwahab**. Assessment of needle stickinjuries and related knowledge among health care workers participating in an infection control-training program at EI Minia University Hospital. **Egyptian Journal of Community Medicine** (2008), Vol. 26 (1): 81-93.
6. Osama Galal Mohammed, Basma Abd El-Moez Ali, **Sayed F Abdelwahab** and Somia Mohammed Abou elhamd. Clinico-bacteriologic study of neonatal sepsis in NICU at MINIA University Hospital. **Egyptian Journal of Neonatology** (2007); Vol 8(2):61-72.
7. El-Dahrouy A.H. and **Abdelwahab, S.F.** Evaluation of non-invasive, fecal *Helicobacter pylori* antigen test in the diagnosis of *H. pylori* infection in adult dyspeptic patients. **Scientific Journal of Al-Azhar Medical Faculty (Girls; 2007)**, 28 (1): 805-815.
8. **S.F. Abdelwahab**, A.A.M. El-Moghazy, D.A.M. El-Moghazy, S. Zein, H. Abdelwahab, S.M. El-Banna, F. Abdel-Hamid, Y.E. Hussein, M.A.Ahmed, S.A. Abood, S.M. Abdel-Rahman, M.S. Mohamed, N.A. Hussain, S.M. Moner, M.A.M. Ragab, M.I. Bassyouni, and A. Farid. Infection Control in Minia University Hospital: Experience and Challenges. **EL-MINIA MED., BULL.** (2007); 18(1): 226-244.
9. Nabil S. Gabr, Amany M. Kamal, Raafat T. Mohamed, and **Sayed F. Abdelwahab** (2006): Sensitivity and specificity of wet mount, culture and PCR in diagnosing *Trichomonas vaginalis* infection in females attending the Gynecology Clinic of Minia University Hospital. **EL-Minia Medical Bulletin**, 17 (1): 133-142.
10. Farid A., H. Kamal, A. A. Kadry, A. Atia, and **Sayed Fekry**. Plasmid screening of multiresistant Shigella isolates. **Zagazig Journal of Pharmaceutical Sciences** (1995), 4: 25-31.
11. Farid A., M. S. Ashour, H. Kamal, A. A. Kadry, A. Atia, and **Sayed Fekry**: Resistance pattern of clinical isolates of Salmonella and its correlation with plasmid profiles. **Zagazig Journal of Pharmaceutical Sciences** (1994), 3 (3): 51-57.

D. Articles in preparation:

1. Heba A. Hassan; Mahmoud M. Geneid; Mohamed S. Kamel; and **Sayed F. Abdelwahab**. Synergistic antifungal activity of mixtures of clove, cumin and caraway essential oils and their major active components (2019, submitted to **J. Herbal Medicine**).

2. M. H. Abdelaziz, **S.F. Abdelwahab**, J. Wan, W. Cai, W. Huixuan, C. Jianjun, K. Dinesh Kumar, A. Vasudevan, A.Sadek, , Z. Su, S. Wang, and H. Xu. Alternatively-activated macrophages; a double-edged sword in allergic asthma (**Submitted to Respiratory Research; 2019**).
3. Sobhy M, Hashem M, Mikhail N, **Abdelwahab SF**, Shata MT. Cytokine profiles in seronegative avirimic siblings exposed to Hepatitis C virus infection (**In preparation**)

E. Poster presentations:

1. **Faisal Al-Ghashmari**; Mutaz Al-Harhi; Nawaf Alnufaie; Mohamed F. El-Badawy and **Sayed Abdelwahab**. Resistance of *Pseudomonas aeruginosa* Clinical Isolates from Taif Area to Extended Spectrum Beta Lactams. 23rd Dubai International Pharmaceuticals and Technologies Conference and exhibition; DUPHAT, 27 Feb-1 March, 2018, Dubai, UAE.
2. Sayed Abdelwahab; Mohamed Hashem; Samer El-Kamary; Eman Rewisha; G. Thomas Strickland; and Imam Waked. Egyptian Healthcare Workers and Hepatitis C Virus Vaccines. 17th Annual International Meeting of the Institute of Human Virology, September 27-30, **2015**, Baltimore, MD, USA.
3. **Sayed F. Abdelwahab**; Zainab Zakaria; Maha Sobhy; Shaimaa Hamdy; Mohamed A. Mahmoud; Nabil Mikhail; Walaa R. Allam; Eman Rewisha; and Imam Waked . Differential Distribution of IL28B.rs12979860 Single Nucleotide Polymorphism among Egyptian Healthcare Workers with and without Hepatitis C Virus-Specific Cellular Immune Response. 20th Dubai International Pharmaceuticals and Technologies Conference and exhibition; DUPHAT, 8-10 March, 2015, Dubai, UAE.
4. Mohamed Hashem , Hassan Zaghla, Zainab Zakaria, Walaa Ramadan, Nabil Mikhail, Yasser Mokhtar, Maha Sobhy, Iman Galal, Gihan Galal, **Sayed F. Abdelwahab**, Imam Waked (2013). High Spontaneous Clearance of Symptomatic Iatrogenic Acute Hepatitis C Genotype 4 Infection. AASLD, Nov 2013, Washington DC, USA.
5. Abdelmegied MS, Hashem M, **Abdelwahab SF**, Barakat AB, El-Karaksy H, Galal G, Mikhail N, El-Kamary SS, Strickland GT and Shata MT (**2013**). Predominant Th1 cytokines in seronegative, aviremic children who exhibit HCV-specific cell-mediated immune response. **Front. Immunol.** Conference Abstract: 15th International Congress of Immunology (ICI). doi: 10.3389/conf.fimmu.2013.02.00378
6. **Sayed F. Abdelwahab**; Iman Fathy; Zainab Zakaria; Imam Waked; Mohamed A. Mahmoud; Stefania Capone; Alfredo Nicosia; Ahmed Refaat; Ahmed Osman, G. Thomas Strickland; and Riccardo Cortese. Hepatitis C Virus Genotype 1b Vaccine can Benefit Egyptians, where Genotype 4a prevails. 99th annual meeting of the American Association of Immunologists, May 4th -8th 2012, Boston, MA, USA.
7. **Sayed Abdelwahab**, Eman Rewisha; Maha Sobhy; Iman Galal; Nabil Mikhail, Gehan Galal; Zainab A Zakaria; Walaa Ramadan; Tamer Abdel-Ghafar; Mohamed El-Tabbakh; Mohamed A. Mahmoud; Mohamed Hashem; Samer S. El-Kamary; Imam Waked; and G. Thomas Strickland. Prevalence and incidence of hepatitis C among Egyptian healthcare workers at high risk of infection. 17th International meeting on Hepatitis C virus and related viruses, September 10-14, 2010 Pacifico Yokohama, Japan.
8. **S. Abdelwahab**, Eman Rewisha; Maha Sobhy; Iman Galal; , Zainab A Zakaria; Mohamed A. Mahmoud; Stefania Capone; Antonella Folgori; Mohamed Hashem; Samer S. El-Kamary; G. Thomas Strickland; Riccardo Cortese; and Alfredo Nicosia. Hepatitis C Virus-specific immune response among needle-stuck Egyptian healthcare workers at high risk of infection

- without viremia or seroconversion. 97th annual meeting of the American Association of Immunologists, May 7th-11th, 2010, Baltimore, MD, USA.
9. Mohamed MM, El-Shinawi M, Cavallo-Medved D, Sobhy M, Nouh MA, **Abdelwahab SF**, Sloane BF. Monocytes/macrophages and natural killer cells characterize the tumor microenvironment of inflammatory breast cancer in Egyptian patients, 31st Annual San Antonio Breast Cancer Symposium, December 10-14, 2008.
 10. Yongjun Guan, **Sayed Abdelwahab**, Roberta Kamin-Lewis, Anthony L. DeVico, George K. Lewis. ‘Self-Protection’ of Individual CD4⁺ T Cells against R5 HIV-1 Infection by the Synthesis of Anti-Viral CCR5. 12th annual meeting of the Egyptian Association of Immunologists, Ein El-Sokhna, Egypt, November 26-28, 2008.
 11. Hashem M, El-Kamary SS, El-Karakasy H, Helmy H, **Abdelwahab SF**, El-Naghi S, Sobhy M, Galal G, Zakaria Z, Galal I, Abdelbaky A, Mansour H, Shata MT, Esmat G, Strickland G.T. Cell mediated immunity in seronegative aviremic children with intrafamilial exposure to Hepatitis C Virus. 15th International Symposium on Hepatitis C Virus and Related Viruses, 5-9 October, 2008th, San Antonio, Texas, USA.
 12. El-Kamary SS, Hashem M, Saleh D, **Abdelwahab SF**, Sobhy M, Lunney K, Shata MT, Strickland G.T. Evidence of long lasting hepatitis C virus-specific cell mediated immune responses in children born to, and living with, Hepatitis C infected mothers. Poster #115, 15th International symposium on Hepatitis C virus and related viruses, San Antonio, Texas, USA; 5-9 October, 2008.
 13. Hashem M, El-Kamary SS, El-Karakasy H, Helmy H, **Abdelwahab SF**, El-Naghi S, Sobhy M, Galal G, Zakaria Z, Galal I, Abdelbaky A, Mansour H, Shata MT, Esmat G, Strickland G.T. Clearance of hepatitis C viremia (HCV) in children born to HCV infected mothers is associated with long-lasting HCV-specific cell mediated immune (CMI) responses. Poster #412, 15th International symposium on Hepatitis C virus and related viruses, San Antonio, Texas, USA; October 5-9, 2008.
 14. Catarina Hioe, Gurvinder Kaur, Sandra Cohen, Michael Tuen, Diana Virland, **Sayed Abdelwahab** and Alfredo Garzino-Demo (2006). Effect of HIV on production of anti-viral factors by HIV-specific CD4⁺ T cells. 10th International meeting of the Institute of Human Virology (Baltimore, MD, November 17-21, 2006).
 15. **Sayed F. Abdelwahab**, Robin Flinko, Ken Bagley, Roberta Kamin-Lewis, Robert Gallo, Anthony DeVico, and George Lewis (2004). Phenotypic and Functional Characterization of Antigen Specific Naïve Human CD4⁺ T Cell Differentiation *in vitro*. **International meeting of the Institute of Human Virology** (Baltimore, MD, October 31-Nov. 4th 2004).
 16. **S. Abdelwahab**, K. Bagley, F. Cocchi, R. Kamin-Lewis, R. Gallo, A. DeVico, and G. Lewis (2003). Human CD4⁺ T cells produce X4 and R5 HIV-1 inhibitory chemokines very early during primary responses *in vitro*. **AIDS Vaccine 2003**. NY Hilton, NY. September 18-21, 2003.
 17. **Sayed F. Abdelwahab**, Fiorenza Cocchi, Kenneth C. Bagley, Robert C. Gallo, Anthony DeVico and George K. Lewis (2003). Human CD4⁺ T cells inhibit X4 and R5 HIV-1 strains during *in vitro* primary responses. “**X1 and X2**” **Keystone Symposia**, “Twenty Years of HIV Research” and “HIV Vaccine Development”. Banff, Calgary, March 29-April 4, 2003.
 18. **Sayed Abdelwahab**, Kenneth C. Bagley, Roberta Kamin-Lewis, Fiorenza Cocchi, Robert C. Gallo, Anthony L. DeVico, and George K. Lewis (2002). CD4⁺ T cells produce factors that inhibit both X4 and R5 HIV-1 isolates during antigen-specific primary responses *in vitro*.

- International meeting of the Institute of Human Virology** (Baltimore, MD, September 9-13, 2002).
19. George K. Lewis, **Sayed Abdelwahab**, Kenneth C. Bagley, Roberta Kamin-Lewis, Fiorenza Cocchi, Anthony L. DeVico (2002). Production of soluble anti-HIV-1 factors during the antigen-specific primary response of CD4⁺ T cells *in vitro*. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 9-13, 2002, also Oral by G. Lewis).
 20. **Sayed F. Abdelwahab**, Kenneth C. Bagley, Timothy Fouts, Anthony DeVico and George K. Lewis (2002). The structural context of HIV-1 gp120 determines its immunogenicity in primary human CD4⁺ T cell responses *in vitro*. **7th European Conference on Experimental AIDS Research** (Genoa, Italy, Jun 8-11, 2002).
 21. George K. Lewis, Timothy Fouts, Roberta Kamin-Lewis, David M. Hone, **Sayed F. Abdelwahab**, and Anthony DeVico (2002). Generation of broadly neutralizing antibodies against HIV-1: Is it really all about immunodominance? **7th European Conference on Experimental AIDS Research** (Genoa, Italy, Jun 8-11, 2002, Oral by G. Lewis).
 22. W. Reid, M. Sadowska, F. Denaro, S. Rao, J. Foulke Jr., N. Hayes, O. Jones, D. Doodnauth, H. Davis, A. Sill, P. O. Huso, T. Fouts, G. Lewis, **S. F. Abdelwahab**, M. Hill, R. Kamin-Lewis (2002). An HIV-1 transgenic rat that develops HIV-related pathology and immunologic dysfunction. **7th European Conference on Experimental AIDS Research** (Genoa, Italy, Jun 8-11, 2002).
 23. **Sayed F. Abdelwahab**, Kenneth Bagley, Roberta Kamin-Lewis and George K. Lewis (2002). An *in vitro* model for the characterization of the early steps of antigen-specific naïve human CD4⁺ T cell differentiation. **8th National Symposium: Basic aspects of vaccines sponsored by the Walter Reed Army Institute of Research** (Bethesda, Maryland, May 1-3, 2002).
 24. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, and George K. Lewis (2002). The mucosal adjuvant effects of cholera toxin and other cholera-like enterotoxins (CLETS) are mediated indirectly through an epithelial intermediate. **8th National Symposium: Basic aspects of vaccines sponsored by the Walter Reed Army Institute of Research** (Bethesda, Maryland, May 1-3, 2002).
 25. **Sayed F. Abdelwahab**, Kenneth Bagley, Roberta Kamin-Lewis and George K. Lewis (2002). Development of an *in vitro* system for characterization of the early steps of naïve human CD4⁺ T cell differentiation: Light scatter profiles predict the surface phenotype during antigen specific differentiation. **Keystone Meetings: T lymphocyte activation, differentiation and death** (Keystone, Colorado, January 16-22, 2002).
 26. W. Reid, M. Sadowska, F. Denaro, S. Rao, J. Foulke Jr., N. Hayes, O. Jones, D. Doodnauth, H. Davis, A. Sill, P. O. Huso, T. Fouts, G. Lewis, **S. F. Abdelwahab**, M. Hill, R. Kamin-Lewis (2002). An HIV-1 transgenic rat that develops HIV-related pathology and immunologic dysfunction. **Keystone Meetings: T lymphocyte activation, differentiation and death** (Keystone, Colorado, January 16-22, 2002).
 27. George K. Lewis, Tim R. Fouts, Kenneth C. Bagley, Nicholas Carbonetti, Anthony L. DeVico, **Sayed Abdelwahab**, and David M. Hone (2001). Induction of long lasting antibody response by DNA vaccines encoding the ADP-ribosylating A1 domain of cholera toxin. **Journal of Human Virology**, 4 (3): 138. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 9-13, 2001, Oral by G. Lewis).
 28. Aaron Ahearin, Kenneth C. Bagley, **Sayed F. Abdelwahab**, George K. Lewis, Mika Popovic and David Hone (2001). The Human Immunodeficiency Virus type 1 Tat protein stimulates the maturation of human dendritic cells towards a distinct activation state. **Journal of**

- Human Virology**, 4 (3): 145. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 9-13, 2001).
29. **Sayed F. Abdelwahab**, Kenneth C. Bagley, and George K. Lewis (2001). Generation of primary antigen specific T cell responses *in vitro*: Applications and modulation by adjuvants. **Graduate Students' Research Day, University of Maryland** (Baltimore, April 2001).
 30. Kenneth C. Bagley, **Sayed F. Abdelwahab** and George K. Lewis (2001). Cholera-like enterotoxins activate dendritic cells indirectly through the release of a maturation factor from heterogeneous cells. **Graduate Students' Research Day, University of Maryland** (Baltimore, April 2001).
 31. **Sayed F. Abdelwahab**, Kenneth C. Bagley, Robert G. Tuskan, John Vu, Timothy R. Fouts, Anthony L. DeVico, and George K. Lewis (2000). Development of an *in vitro* system to evaluate the primary immune response of naïve human T cells to specific antigens. **Journal of Human Virology** 3 (5): 261. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 10-15, 2000).
 32. George K. Lewis, M. Tarek Shata, Tim R. Fouts, Anthony L. DeVico, Ken Bagley, **Sayed Abdelwahab**, Roberta Kamin-Lewis, Marv Reitz and David M. Hone (2000). Development of novel mucosal vaccines against HIV-1. **Journal of Human Virology**, 3 (5): 259. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 10-15, 2000, Oral by G. Lewis).
 33. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Timothy R. Fouts, and George K. Lewis (2000). The enzymatic activity of cholera-like enterotoxins is responsible for the activation of dendritic cells *in vitro* and for blocking the induction of oral tolerance. **Journal of Human Virology**, 3 (5): 263. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 10-15, 2000).
 34. Timothy R. Fouts, Ranajit Pal, Karla Godfrey, **Sayed F. Abdelwahab**, George K. Lewis, and Anthony L. DeVico (2000). Neutralization of primary isolates with sera from Rhesus macaques inoculated with sCD4 complexed with envelope proteins derived from HIV-1_{IIIB}. **Journal of Human Virology**, 3 (5): 270. **International meeting of the Institute of Human Virology** (Baltimore, MD, September 10-15, 2000).
 35. Kamin-Lewis, R., **S. Abdelwahab**, A. Baker, F. Cleghorn, W. Blattner, A. DeVico, and George K. Lewis (1999). Distinct CD8⁺ T cell subsets secrete MIP-1 β : Implications for protective immunity against HIV-1. **Journal of Human Virology** 2: 231. **International meeting of the Institute of Human Virology**, Baltimore, MD September 10-14, 1999, Oral by G. Lewis).

F. Oral Presentations:

1. S. Hamdy; A.M. Osman; Z. A. Zakaria; I. Galal; M. Sobhy; M. Hashem; W.R. Allam; M. Abdel-Samiee; E. Rewisha; I. Waked; and **Sayed Abdelwahab**. Association of Toll-Like Receptor 3 and Toll-Like Receptor 9 Single Nucleotide Polymorphisms with Hepatitis C Virus Persistence among Egyptians. 26th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, March 31st, 2018.
2. **Sayed F. Abdelwahab**; Zainab Zakaria; Maha Sobhy; Shaimaa Hamdy; Mohamed A. Mahmoud; Nabil Mikhail; Walaa R. Allam; Eman Rewisha; and Imam Waked. Differential Distribution of IL28B.rs12979860 Single Nucleotide Polymorphism among Egyptian Healthcare Workers with and without Hepatitis C Virus-Specific Cellular Immune Response. 20th Dubai International Pharmaceuticals and Technologies Conference and exhibition; DUPHAT, 8-10 March, 2015, Dubai, UAE.

3. **Sayed F. Abdelwahab**, HCV-G4 specific T cell responses during acute hepatitis. EASL 49th meeting, London, April 9th-13th, 2014.
4. **S. Abdelwahab**, Zainab A Zakaria; Maha Sobhy; Shaimaa Hamdy; Walaa Ramadan; Nabeil Mikhail; Mohamed A. Mahmoud; Eman Rewisha; and Imam Waked. Differential Distribution of IL28B rs12979860 Single Nucleotide Polymorphism among Egyptian Healthcare Workers with and without Cellular Immune Response to Hepatitis C Virus. 3rd Omics Group World Congress on Virology, November 20-22, **2013**, Baltimore, MD, USA.
5. **S. Abdelwahab**; Maha Sobhy; Zainab A Zakaria; Shaimaa Hamdy; Walaa Ramadan; Nabeil Mikhail; Mohamed A. Mahmoud; Eman Rewisha; and Imam Waked. IL28B SNP does not predict the outcome of Hepatitis C Virus-specific cellular immune response. 14th Annual International Meeting of the Institute of Human Virology, October 14-17, **2012**, Baltimore, MD, USA.
6. **S. Abdelwahab**. What is needed to improve the care of patients with Hepatitis C in Egypt? 47th Annual meeting of the European Association for the Study of the Liver, April 18th **2012**, Barcelona, Spain.
7. **S. Abdelwahab**, Eman Rewisha; Maha Sobhy; Iman Galal; , Zainab A Zakaria; Mohamed A. Mahmoud; Stefania Capone; Antonella Folgori; Mohamed Hashem; Samer S. El-Kamary; G. Thomas Strickland; Riccardo Cortese; and Alfredo Nicosia: Hepatitis C Virus-specific immune response among Egyptian healthcare workers at high risk of infection without viremia or seroconversion. 12th International meeting of the Institute of Human Virology, October 3rd-8th **2010**, Calabria, Italy.
8. **Sayed F. Abdelwahab**, Mahmoud S. Mahmoud, and George K. Lewis. Cholera toxin differentially binds to murine lymphocytes. 17th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, April 25-26th, **2010**.
9. Yongjun Guan, **Sayed Abdelwahab**, Roberta Kamin-Lewis, Anthony L. DeVico, George K. Lewis: 'Self-protection' of individual CD4+ T cells against R5 HIV-1 infection by the synthesis of anti-viral CCR5 ligands. 16th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, March 25-26th, **2009**.
10. **Sayed F. Abdelwahab**, Occupational safety and immunization, EgyBlood, Vacsera, Giza, July 2nd, 2008.
11. **Sayed F. Abdelwahab**, Infection control at Minia University Hospital: Experience and Challenges, EgyBlood, Vacsera, Giza, June 11, **2008**.
12. **Sayed F. Abdelwahab**, HCV infection in Egypt. This lecture was delivered for Pharmacists in continued Pharmaceutical Education program, Faculty of Pharmacy, Minia University, April 20th, **2008**.
13. **Sayed F. Abdelwahab**, Infection Control in Minia University Hospital: Experience and Challenges, first meeting of the Libyan Society of infection control, Tripoli, Libya, May 4-6, **2007**.
14. **Sayed F. Abdelwahab**, HIV infection and Personal Experience in USA: Towards loyalty and nationalism: for Faculty of Tourism undergraduate students and staff, Minia University, April 30, 2007.
15. **Sayed F. Abdelwahab**, Standard Infection Control Precautions in Minia University Hospital: Experience and Challenges, 5th Annual meeting of Minia Faculty of Medicine, April 11-13, **2007**.
16. **Sayed F. Abdelwahab**, Infection Control in Minia University Hospital: Experience and Challenges, 15th annual meeting of the Egyptian Society of Microbiology, Cairo, April 5-6, **2007**.

17. **Sayed F. Abdelwahab**, Development of an Educational Infection Control Course in Minia University Hospital. 17th annual meeting of the Association of the Egyptian American Scholars, Cairo, December 26-27, **2006**.
18. **Sayed F. Abdelwahab**. T cells are depleted in HCV-induced Hepatocellular Carcinoma Patients: Possible Role of Apoptosis and p53. 10th International meeting of the Institute of Human Virology (Baltimore, MD, November 17-21, **2006**).
19. **Sayed F. Abdelwahab**, Development of an Educational Infection Control Course in Minia University Hospital. HEEP Integration meeting, Tanta Faculty of Medicine, November 2, **2006**.
20. **Sayed F. Abdelwahab**, Avian flu, an awareness day at Minia University, March 5th, **2006**.
21. Kenneth C. Bagley, **Sayed F. Abdelwahab**, Robert G. Tuskan, and George K. Lewis. *Pasteurella multocida* Toxin Activates Human Monocyte-Derived and Murine Bone Marrow-Derived Dendritic Cells *In Vitro* but Suppresses Antibody Production *In Vivo*. 10th annual meeting of the Egyptian Association of Immunologists, Mansoura, Egypt, November 23-25, **2005**.
22. **Sayed F. Abdelwahab**. An Overview of Evaluation of Antigen-Specific T Cell Responses using Flow Cytometry. 5th Arabic Conference on Arabic Education System, Cairo, Egypt, April 16-17, **2005**.
23. **Sayed F. Abdelwahab**. An Overview of Evaluation of Antigen-Specific T Cell Responses using Flow Cytometry. 4th annual conference of the Faculty of Medicine, El-Minia University, El-Minia, Egypt, April 7-8, **2005**.
24. **Sayed F. Abdelwahab**, Fiorenza Cocchi, Kenneth C. Bagley, Roberta Kamin-Lewis, Robert C. Gallo, Anthony DeVico, and George K. Lewis. Secretion of HIV-1 Suppressive Factors by CD4⁺ T Cells during Primary Antigen-Specific Responses. 13th annual meeting of the Egyptian Society of Microbiology, Cairo, March 31-April 1st, **2005**.
25. **Sayed F. Abdelwahab**, Sherif A. Ibrahim, Mona M. Mohamed, Ahmed M. Osman, Eman Fathy, Kamal S. Al-Badry, Nabil Al-kady, Gamal E. Esmat, and Maged M. Al-Sherbiny. T Cell Depletion in Cases of HCV-Induced Hepatocellular Carcinoma: Possible Role of Apoptosis. 7th annual meeting of University of Maryland-Egypt Hepatitis C project, Cairo, March, 2-4, 2005.
26. **Sayed F. Abdelwahab**, Robin Flinko, Ken Bagley, Roberta Kamin-Lewis, Robert Gallo, Anthony DeVico, and George Lewis (**2004**). Phenotypic and Functional Characterization of Antigen Specific Naïve Human CD4⁺ T Cell Differentiation *in vitro*. 9th annual meeting of the Egyptian Association of Immunologists, Ismailia, Egypt, November 24-26, **2004**.
27. **Sayed F. Abdelwahab**. HIV-1-suppressive factors are secreted by CD4⁺ T cells during primary immune responses, 3rd annual conference of the Faculty of Medicine, El-Minia University, El-Minia, Egypt, April **2004**.
28. **Sayed Abdelwahab**, Robin Flinko, Fiorenza Cocchi, Roberta Kamin-Lewis, Robert Gallo, Anthony DeVico, and George Lewis (2003). Different Human CD4⁺ T Cell Subsets Differentially Synthesize HIV-1 Inhibitory Chemokines During *in vitro* Primary Responses. International meeting of the Institute of Human Virology (Baltimore, MD, September 29-Oct.03, **2003**).
29. **Sayed F. Abdelwahab**, Kenneth C. Bagley, Robert G. Tuskan, and George K. Lewis (**2002**). Identification of potential memory T cells using an *in vitro* model of antigen-specific naïve human CD4⁺ T cell differentiation. Second Immunology Meeting for Graduate Students, North East Region. Cornell University, Ithaca, NY, September 28-29.

30. **Sayed F. Abdelwahab**, Kenneth C. Bagley; Roberta Kamin-Lewis and George K. Lewis. Light scatter profiles predict the surface phenotype of naïve human CD4⁺ T cells during *in vitro* antigen specific differentiation. **Journal of Human Virology**, 4 (3): 141. International meeting of the Institute of Human Virology (Baltimore, MD, September 9-13, **2001**).

Meetings Attended:

1. 26th annual meeting of the Egyptian Society of Microbiology, Cairo, March 31st, **2018**.
2. 17th Annual International Meeting of the Institute of Human Virology, September 27-30, **2015**, Baltimore, MD, USA.
3. 20th Dubai International Pharmaceuticals and Technologies Conference and exhibition; DUPHAT; 8-10 March, 2015, Dubai, UAE.
4. 49th Annual meeting of the European Association for the Study of the Liver, April 9-13th **2014**, London, UK.
5. 3rd Omics Group World Congress on Virology, 20-22 November **2013**, Baltimore, MD, USA.
6. 48th Annual meeting of the European Association for the Study of the Liver, April 24-28th **2013**, Amsterdam, Netherlands.
7. 14th Annual International Meeting of the Institute of Human Virology, October 14-17, **2012**, Baltimore, MD, USA.
8. 99th annual meeting of the American Association of Immunologists, May 4th-8th **2012**, Boston, MA, USA.
9. 6th Annual meeting of Minia Faculty of Medicine, April 26-27, 2012.
10. 47th Annual meeting of the European Association for the Study of the Liver, April 18-22nd **2012**, Barcelona, Spain.
11. 62nd Annual Meeting of the American Association for the Study of Liver Diseases (AASLD), November 4-8, **2011**, San Francisco, CA, USA.
12. 13th International meeting of the Institute of Human Virology, October 31st-Nov 2nd **2011**, Baltimore, MD, USA.
13. 46th Annual meeting of the European Association for the Study of the Liver, March 29th-April 3rd, **2011**, Berlin, Germany.
14. 12th International meeting of the Institute of Human Virology, October 3rd-8th **2010**, Calabria, Italy.
15. 17th International meeting on Hepatitis C virus and related viruses, September 10-14, **2010** Pacifico Yokohama, Japan.
16. 97th annual meeting of the American Association of Immunologists, May 7th-11th, **2010**, Baltimore, MD, USA.
17. 17th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, April 25-26th, **2010**.
18. Fourth annual congress of Minia University Liver Center, Military Hotel, Minia, 13-14th April, **2010**.
19. 14th Delta Digestive week, Arafa Hotel Tanta (26-28 July) and Intercontinental Hotel, Hurgada, 29 July-1 August, **2009**.
20. 6th annual congress of Minia University Liver Center, Minia, 16-17th April, **2009**.
21. 16th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, March 25-26th, **2009**.
22. 12th annual meeting of the Egyptian Association of Immunologists, El-Ein El-Sokhna, Egypt, November 26-28, **2008**.

23. Liver diseases at cross roads of civilization: East meets west, Bibliotheca Alexandria, October 16-17, **2008**.
24. Second annual congress of Minia University Liver Center, Military Hotel, Minia, 3-4 April, **2008**.
25. Liver diseases at cross roads of civilization: East meets west, Bibliotheca Alexandria, January 23-24, **2008**.
26. First meeting of the Libyan Society of infection control, Tripoli, Libya, May 4-6, **2007**.
27. 5th Annual meeting of Minia Faculty of Medicine, April 11-13, **2007**.
28. 15th annual meeting of the Egyptian Society of Microbiology, Cairo, April 5-6, **2007**.
29. 17th biannual meeting of the Association of the Egyptian American Scholars: Enhancement of Higher education and Scientific Research in Egypt; National Research Center, Cairo, December 26-27, **2006**.
30. 10th International meeting of the Institute of Human Virology (Baltimore, MD, November 17-21, **2006**).
31. 4th Annual meeting of Minia Faculty of Medicine, April 19-21, **2006**.
32. 14th annual meeting of the Egyptian Society of Medical Microbiology, Cairo, April 13, **2006**.
33. 10th annual meeting of the Egyptian Association of Immunologists, Mansoura, Egypt, November 23-25, **2005**.
34. 1st Eastern Mediterranean Regional infection control congress and 14th annual conference of the Egyptian Society of infection control (Building capacities), November 14-17, **2005**.
35. Wellcome-Trust meeting on infectious diseases, Cape Town, South Africa, November 7-9, **2005**.
36. 5th Arabic Conference on Arabic Education System, Cairo, Egypt, April 16-17, **2005**.
37. First international conference of Minia University Environmental Affairs: Towards a safe and clean Environment; Minia University, Minia, April 15-18, **2005**.
38. 3rd annual conference of the Faculty of Medicine, El-Minia University: Medical practice, reality and expected; El-Minia, Egypt, April 7-8, **2005**.
39. 13th annual meeting of the Egyptian Society of Microbiology, Cairo, March 31-April 1st, **2005**.
40. 7th annual meeting of University of Maryland-Egypt Hepatitis C project, Cairo, March, 2-4, **2005**.
41. Biannual meeting of the Association of the Egyptian American Scholars : The role of Science and technology in the future of Egypt; National Research Center, Cairo, December 29-30, **2004**.
42. International meeting of the Institute of Human Virology (Baltimore, MD, October 31-Nov. 4th **2004**).
43. 11th National (3rd Arabic) Conference on Higher Education in Arabic Countries: Horizons of Improvement. Ain Shams University, Cairo, December 18-19, **2004**.
44. Meeting of the Egyptian Society of Virology, Cairo University, Cairo, December 7-8, **2004**.
45. 9th annual meeting of the Egyptian Association of Immunologists, Ismailia, Egypt, November 24-26, **2004**.
46. 2nd Annual meeting of Minia Faculty of Medicine, April 4-6, **2004**.
47. International meeting of the Institute of Human Virology (Baltimore, MD, September 29th-October 3rd, **2003**).
48. AIDS Vaccine 2003. NY Hilton, NY. September 18-21, **2003**.
49. "X1 and X2" Keystone Symposia, "Twenty Years of HIV Research" and "HIV Vaccine Development". Banff, Calgary, March 29-April 4, **2003**.

50. Second Immunology Meeting for Graduate Students, North East Region. Cornell University, Ithaca, NY, September 28-29, **2002**.
51. International meeting of the Institute of Human Virology, Baltimore, MD September 9-13, **2002**.
52. 7th European Conference on Experimental AIDS Research (ECEAR), Genoa, Italy (June 8-12, **2002**).
53. 8th National Symposium: Basic Aspects of Vaccines sponsored by the Walter Reed Army Institute of Research, Bethesda, Maryland (May 1-3, **2002**).
54. T lymphocyte activation, differentiation and death, Keystone Meetings, Colorado, January 16-22, **2002**).
55. International meeting of the Institute of Human Virology, Baltimore, MD September 9-13, **2001**.
56. Graduate Students' Research Day, University of Maryland (Baltimore, MD), April **2001**.
57. 11th Annual Symposium in molecular and cell biology (Perspectives in biomedical sciences), University of Maryland, Baltimore. April 5, **2001**.
58. International meeting of the Institute of Human Virology, Baltimore, MD September 10-15, **2000**.
59. International meeting of the Institute of Human Virology, Baltimore, MD September 10-14, **1999**.
60. 9th Annual Symposium in molecular and cell biology (Perspectives in cellular machines), University of Maryland, Baltimore. March 30, **1999**.
61. 5th International Conference of Microbiology Hosted by the Egyptian Society of Medical Microbiology and organized by the department of Microbiology and Immunology, Cairo University. Cairo, Egypt, November 27-29, **1996**.
62. 9th training workshop and 9th Afro-Arab Conference on liver and biliary diseases. 6-13 February **1993**. Cairo International Conference Center, Egypt.

Ongoing Supervision of Theses/Dissertation: None

Completed Supervised Theses/Dissertation:

1. Possible virus-host interactions that may predict the progression of Hepatitis C Virus infection in subjects infected with genotype 4. An MSc thesis by **Mariam Mahrous Fawzy**, Minia Faculty of Pharmacy, 2014-2017.
2. *In vitro* screening of the immunogenicity of HCV antigens and characterization of human HCV-specific CD4 T cells during primary immune responses. Zoology PhD Dissertation by **Shimaa Hamdy Mohamed**, Cairo Faculty of Science, 2007-2017.
3. Interleukin-10 and Interleukin-18 gene polymorphism and response to combination therapy in hepatitis C patients. An MD Thesis by Wedad M. Abdelrehim, Minia Faculty of Medicine, 2013-2015.
4. Prevalence of *Enterococcus faecalis* in patients with urinary tract infections: An MSc thesis by Mohammed Zein Al-Abedeem Abdelkareem, Minia Faculty of Medicine, 2012-2015.
5. Occult hepatitis C virus infection in hemodialysis patients at Minia Governorate; MD Dissertation by Soha Sameh Abdel-Rehim, Minia Faculty of Medicine, 2011-2015.
6. Detection of occult hepatitis B virus infection among frequently blood transfused children: An MSc thesis by Walaa Ahmed Aboelhassan, Minia Faculty of Medicine, 2012-2014.

7. Evaluation of Antigen-Specific Responses against genotype 1b and 4a Antigens among Egyptian Patients Infected with Hepatitis C Virus, A PhD Dissertation by Iman Fathy Galal, Cairo Faculty of Science, 2010-2014.
8. Evaluation of cell mediated immune response against Hepatitis C peptide antigens among Egyptian Health care workers. A PhD Dissertation by Zainab Zakaria Ali, Cairo Faculty of Science, 2010-2014.
9. Evaluation of the Role of Hepatitis C Virus Core Antigen as a Marker for Hepatitis C Virus Infection. An MSc thesis by Dalia N. Kotb, Minia Faculty of Medicine, 2012-2014.
10. Multi-Drug Resistant Shigella Isolates in Cases of Gastroenteritis at Minia Governorate; an MSc thesis by Ghada Mohamed Abd-Elmeged, Minia Faculty of Medicine, 2011-2014.
11. Evaluation of the adhesion of *S. mutans* and Lactobacilli to different orthodontic brackets with respect to the method of ligature An MSc thesis by Ahmed Ismail Minia Faculty of Dentistry, 2012-2013.
12. Impact of past infection with Schistosomiasis on the outcome of current HCV infection in coinfecting Egyptian patients, an MSc thesis by Walaa Ramadan Allam, Ain Shams Faculty of Science, 2010-2013.
13. Prevalence of methicillin-resistant Staphylococci in wound infection in Minia University Hospital. Microbiology and Immunology Master Thesis by Eman Farouk, Minia Faculty of Pharmacy, 2007-2013.
14. A study of the effects of volatile oils on fungal keratitis, an MSc Thesis by Heba Ali Ahmed, Minia Faculty of Pharmacy, 2009-2013.
15. Quinolone Resistance among Salmonella Species Isolated from Typhoid Patients at Minia Governorate; an MSc thesis by Fatma Omar Ismail, Minia Faculty of Medicine, 2011- 2013.
16. A study of multi-drug resistant *Acinetobacter baumannii* isolated from Minia university hospital patients and environment. Microbiology PhD Dissertation by Doaa Safwat, Bani Swaif Faculty of Pharmacy, 2008-2012.
17. Preoperative diagnosis of allergic fungal sinusitis. E.N.T. MD Dissertation by Marwa Abdel-Hafeez Rashed, Minia Faculty of Medicine, 2008-2012.
18. The effect of topical application of human milk compared with 70% ethyl alcohol on cord separation time among newborn infants at Minia University Hospital. An MSc Thesis by Ibtisam Salah, Cairo Faculty of Nursing, 2009-2010.
19. Hepatitis B virus genotyping among blood donors in Minia Governorate and its correlation with HBeAg. Microbiology and Immunology Master Thesis by Febey Eshak Habil, Minia Faculty of Medicine, 2006-2009.
20. Prevalence and detection of *H. pylori* by ELISA versus invasive methods in upper GIT troubles. Tropical Medicine Master Thesis by Al-Shaymaa Ahmed M. Hassanain, Minia Faculty of Medicine, 2006-2008.
21. Clinico-bacteriologic study of neonatal sepsis in NICU in Minia University Hospital. Master Thesis of Pediatrics by Soumaia Mohammed Abou El-Hamd El-Hagagy, Minia Faculty of Medicine, 2005-2007.
22. Comparative study of the effect of some adjuvants on the immune responses of mice against potential protein vaccines. Microbiology and Immunology Master Thesis by Rabab Mohamed Kamal Mohamed, Minia Faculty of Medicine, 2005-2007.
23. Studies on *Trichomonas vaginalis* in females in El-Minia Governorate. Parasitology Master Thesis by Amany Mohamed Kamal Ahmed, Minia Faculty of Medicine, 2004-2006

Cancelled Theses/Dissertations:

1. Evaluation of Interleukin 28B Polymorphism as a predictor for response to pegylated interferon therapy in patients with chronic hepatitis C genotype IV. An MD dissertation by **Ahmed M. Fathallah**, Banha University, Faculty of Medicine, 2012-Cancelled 2015.
2. Early life environmental risk factors as predictors of severity in asthmatic children, the difference between rural and urban environment, A MD Dissertation by **Maha Saad Eldeen Salama**, Ain Shams Institute of Environmental Studies and Research, 2009- Cancelled 2014.
3. HCV specific cell-mediated immune responses in blood from subjects with and without *Schistosoma haematobium* infection. An MSc thesis by **Mostafa Mohamed**, Cairo Faculty of Science, 2009- Cancelled 2014.

Theses/Dissertations refereeing:

1. Wedad M. Abdelrehim, March 2015. An MD Thesis, Minia Faculty of Medicine.
2. Mohammed Zein Al-Abedeem Abdelkareem, March, 2015. An MSc thesis, Minia Faculty of Medicine.
3. Ehsan Mohamed Wagih, MSc, 2014, Assuit Faculty of Medicine, Assuit University
4. Omnia Saber Mazhar, MSc, 2014, Minia Faculty of Medicine, Minia University
5. Dalia N. Kotb, MSc, 2014, Minia Faculty of Medicine, Minia University
6. Ghada Mohamed Abd-Elmeged, MSc, 2014, Minia Faculty of Medicine, Minia University
7. Walaa Ramadan Kamal, MSc, 2013, Ain Shams Faculty of Science, Ain Shams University
8. Eman Farouk, MSc, 2013, Minia Faculty of Pharmacy, Minia University
9. Heba Ali Ahmed, MSc, 2013, Minia Faculty of Pharmacy, Minia University
10. Fatma Omar Ismail, MSc, 2013, Minia Faculty of Medicine, Minia University
11. Doaa Safwat, PhD, 2012, Bani Suaif Faculty of Pharmacy, Bani Suaif University
12. Ibtisam Salah, MSc, 2012, Cairo Faculty of Nursing, Cairo University
13. Wedad Mahmoud Abdel-Reheim, MSc, 2012, Minia Faculty of Medicine, Minia University

Special awards:

1. Recipient: Minia University International Publication Award, Minia University, **2018**.
2. Recipient: Minia University International Publication Award, Minia University, **2017**.
3. Recipient: Minia University International Publication Award, Minia University, **2016**.
4. Awarded a Scholarship to attend the 17th International meeting of the Institute of Human Virology (Baltimore, MD, September 27-30), IHV **2015**.
5. Recipient: Minia University International Publication Award, Minia University, **2015**.
6. Recipient: Minia University International Publication Award, Minia University, **2014**.
7. Recipient: Minia University International Publication Award (3rd highest publications impact factor for 2012), Minia University, **2013**.
8. Recipient: International Labor Organization (ILO) Scholarship to attend a workshop and forum on social entrepreneurship and social corporate responsibility, conducted at George Washington University School of Business, Washington DC, October 11th-15th, **2012**.
9. Recipient: Minia University Incentive Award in Life Sciences, Minia University, **2012** (7,000LE).
10. Recipient: Minia University International Publication Award, Minia University, **2012**.
11. Recipient: State Incentive Award in Medical Sciences for 2007 (50,000LE), Egyptian Academy for Scientific research and Technology, Ministry of Higher Education, announced June **2008**.

12. Honor from the Faculty of Medicine at the 19th Graduation day for **2007** medical graduates, Minia Faculty of Medicine.
13. Awarded a Scholarship to attend the 10th International meeting of the Institute of Human Virology (Baltimore, MD, November 17-21, **2006**).
14. Awarded a certificate of Ideal Teacher (Minia Faculty of Medicine, below 15 years of service) and Honored by the Egyptian Medical Syndicate (March 18th, **2006**).
15. Awarded a Scholarship to attend annual meeting of the Institute of Human Virology, Baltimore, Maryland (October 31-November 4th, **2004**).
16. Awarded a Scholarship for attending the 7th European Conference on Experimental AIDS Research (ECEAR), Genoa, Italy (June 8-12, **2002**). This scholarship was awarded by the Office of AIDS Research at the National Institute of Health.
17. Awarded a Scholarship for attending the 8th National Symposium: Basic Aspects of Vaccines sponsored by the Walter Reed Army Institute of Research, Bethesda, Maryland (May 1-3, **2002**). This scholarship was awarded by the Office of AIDS Research at the National Institute of Health.
18. Awarded Scholarship from the Egyptian Government in **1997** to obtain a Ph.D. degree from the United States of America. Scholarship covers: tuition, fees, travel, health insurance, and living allowance for 4-5 years.
19. Awarded the Ideal Student prize, Assuit University, Egypt, **1989**.

Training Activities as a Trainer:

SN	Topic	Code	Targeted trainees	Organizer	Place	Dates
1	International publishing of research	R1	Minia University Staff	Minia University Faculty Leadership Development Center (FLDC)	Minia University	1. June 2-3, 2014 2. Dec 2-3, 2013 3. August 5, 2013 4. Nov.5, 2012 5. Sept.10-11, 2012 6. May 20, 2012 7. May 29-30, 2011 8. Dec. 21, 2010 9. July 12, 2010 10. May 31, 2010 11. July 19, 2009
2	Research team management	R2	Minia University Staff	Minia University FLDC	Minia University	1. Jan 5-6, 2013 2. July 29, 2013 3. March 4, 2013 4. April 29, 2012 5. Feb. 19-20, 2012 6. April 17-18, 2011 7. Sept. 20, 2010 8. Jan.25, 2009
3	Competitive research projects	R3	Minia University Staff	Minia University FLDC	Minia University	1. Dec 16-17, 2013 2. Sept 16, 2013 3. June 17, 2013 4. Dec. 12-13, 2010 5. August 12-14, 2008
4	The Credit Hour System	T2	Minia University Staff	Minia University FLDC	Minia University	1. Feb 11, 2013 2. August 7-8, 2011

						3.June 5, 2010
5	Strategic Planning	L1	Minia University Staff	Minia University FLDC	Minia University	1.Feb 12-13, 2014 2.December 11, 2011
6	Program Design	T5	Minia University Staff	Minia University FLDC	Minia University	1.Sept.17, 2012
7	Know about Business	KAB	Minia Educational Directorate Staff	Pathways to Higher Education (PHE) project and International Labor Organization (ILO)	Minia University	1.Sept 16 th , 2012
8	Know about Business	KAB	Minia University Students	PHE and ILO	Minia University	1.Feb 6, 2014 2.July 2 nd -4 th , 2012 3.Feb 2 nd -4 th , 2013.
9	Wellness Guidelines	Knowledge training	Minia University Students	PHE	Minia University	1. July, 2011 2. Feb 6-8 th , 2010 3. June 28-30, 2009 4. June 28-30, 2008
10	Problem solving and decision making	Managerial training	Secondary school teachers of Minia Governorate	PHE	Minia University	1. Jan 29-31, 2008 2. July 15 th -25 th , 2007
11	Planning and Controlling	Managerial training	Minia University Students	PHE	Minia University	1. July 17 th -21 st , 2007 2. Jan 29-Feb 8, 2007
12	Infection control topics	Not applicable	Physicians, dentists and nurses of Minia University Hospital and other hospitals in Minia Governorate	Infection control project supported by HEEPF	Minia University Hospital	August 2005-Jan. 2007 (11 training workshops)
13	Flow cytometry workshop	Not applicable	Egyptian Microbiologists	13 th annual meeting of the Egyptian Society for Medical Microbiology	Ain Shams University Hospital	1.April 2 nd - 3 rd , 2005.
14	Know about Business	KAB TOT	13 Minia University Staff members	ILO and MUEC	Minia University	1.May 26 th , June 9 th 2013
15	Principles of Education Quality Management for Higher Education Institutions	T4	Minia University Staff	Minia University FLDC	Minia University	1. July, 2015 2. July, 2016

Special Training and Workshops Attended:

1. Black board basic workshop, Taif University, Jan 13th-15th, 2019.
2. Lab safety, Taif University, College of Pharmacy, December 2nd, 2015.
3. Application of citation manager software "ENDNOTE", Taif University, College of Pharmacy, March 5th, 2015.
4. Statistical analysis using SPSS, Taif University, College of Pharmacy, November 23rd, 2014.
5. Hepacute project workshop on advances in immunological techniques, University of Parma, Italy, Jan 15-16, 2014.

6. Workshop for *National Key Facilitators* on entrepreneurship, conducted by the International Labor Organization (ILO), March 24th- 28th, 2013, Pyramisa Hotel, Cairo.
7. Workshop and forum on *social entrepreneurship and corporate social responsibility*, conducted at George Washington University School of Business, Washington DC, October 11th- 15th, 2012.
8. Workshop on *Effective Presentation Skills (C2)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 9-10 August, 2012.
9. Workshop on *Use of technology in Education (T1)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 9-10 August, 2012.
10. Workshop on *Training of trainers (TOT)* workshop, conducted at Minia University by the International Labor Organization (ILO), Egypt, May 26th- June 11th, 2012.
11. Hepacute project workshop on advances in molecular techniques, Institute Pasteur, Casablanca, Morocco, Nov 25-27, 2011.
12. Workshop on *Training of trainers (TOT)* workshop, conducted at Cairo University by the Faculty Leadership Development Project (FLDP), Ministry of Higher Education, May 8th- 17th, 2011 (*supplementary program*).
13. Participated in The Global Voices for Maternal Health Survey, University of Oxford and Global Voices, October 11th, 2010.
14. Workshop on *Organization of Scientific Meetings (C3)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 9-10 June, 2010.
15. Workshop on *Credit Hour System of Education (T2)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 7-8 June, 2010.
16. Workshop on *Strategic Planning (L1)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 2-3 May, 2010.
17. Blood-borne pathogen proficiency test Internet based test), September 25th, 2009.
18. Workshop on *Ethics of use of human subjects in medical research and biosafety in research laboratories* conducted by Egyptian Association of Immunologists and Misr International University (MIU) in conjunction with the 12th annual meeting of the Egyptian Association of Immunologists, Ein El-Sokhna, Egypt, November 26-28, 2008.
19. The collaborative *IRB Training Initiative (CITI)* Program on Internet-based training course on the protection of Human research subjects, September 8th, 2008.
20. Workshop on *Competitive Local and International Research Projects (R3)*, Minia University, supported by the Faculty Leadership Development Project (FLDP), 12-14 August, 2008.
21. *Training of trainers (TOT)* workshop, conducted at Cairo University by the Faculty Leadership Development Project (FLDP), Ministry of Higher Education, October 16-21, 2007 (*preparatory program*).
22. The collaborative IRB Training Initiative (*CITI*) Program on Internet-based training course on the *protection of Human research subjects*, August 30th, 2007.
23. *Training of trainers program (TOT)*, conducted by the Pathway to Higher Education (PHE) project at Minia University, December 23-27, 2006.
24. *Quality Assurance and Accreditation (T4)* workshop, an activity of the Faculty and Leadership Development project (FLDP), Minia University, May 3-4, 2006.
25. *Legal and Financial Affairs (L4)* workshop, an activity of the Faculty and Leadership Development project (FLDP), Minia University, April 26-27, 2006.
26. *Time Management and work stress (P3)* workshop, an activity of the Faculty and Leadership Development project (FLDP), Minia University, December 19-21, 2005.

27. *Effective Communication skill development (I2)* workshop, an activity of the Faculty and Leadership Development project (FLDP), Minia University, December 19-21, 2005.
28. *Professional and occupational ethics training (P4)* workshop, an activity of the Faculty and Leadership Development project (FLDP), Minia University, August 22-24, 2005.
29. Attended the first workshop from stage two of the WHO (EMRO Office) project for *accreditation of Professional Health Education Institutes in Egypt*, Ismailia December 23-24, 2004.
30. Second workshop on *Development of Medical Education*, Minia Faculty of Medicine, May 16-18, 2004.
31. *Training to work in Biosafety Level III (BSL-3)* facilities conducted at the Institute of Human Virology, Baltimore, Maryland, July 2002.
32. *IATA/DOT Infectious Substances and Diagnostic Specimens Shipping Certification* conducted by the Department of Environmental Health and Safety at the University of Maryland Baltimore on October 2001.
33. *Good Laboratory Practice* training conducted by SciReg Inc (Woodbridge, VA) at the Institute of Human Virology on May 2001.
34. *Radiation Safety* conducted by the Department of Environmental Health and Safety at the University of Maryland Baltimore on August 1997.
35. *Chemical and hazardous waste training* conducted by the Department of Environmental Health and Safety at the University of Maryland, Baltimore in August 1999.
36. *Blood borne pathogens training* conducted by the Department of Environmental Health and Safety at the University of Maryland, Baltimore in 1999.
37. Workshop for *PCR and Electrophoresis* held on December 25-27, 1995 at the Microbiology and Immunology Department, Benha University, Benha, Egypt.

Teaching activities:

1. Teaching Medical Biology-1 for First year pharmacy students, 2017-present, Taif University College of Pharmacy, KSA.
2. Teaching Biostatistics for pharmacy students, 2016-2017, Taif University College of Pharmacy, KSA.
3. Teaching Pharmaceutical Biotechnology for pharmacy students, 2017-present, Taif University College of Pharmacy, KSA.
4. Teaching Research Projects for pharmacy students, 2014-present, Taif University College of Pharmacy, KSA.
5. Teaching Pharmaceutical Microbiology for pharmacy students, 2014-present, Taif University College of Pharmacy, KSA.
6. Teaching Clinical Microbiology for pharmacy students, 2014-present, Taif University College of Pharmacy, KSA.
7. Teaching Clinical Immunology for pharmacy students, 2014-present, Taif University College of Pharmacy, KSA.
8. Teaching Medical Microbiology and immunology for third year medical students, 2004-2014, Minia University, Egypt.
9. Teaching immunology, virology, mycology and applied microbiology for postgraduate medical students (Microbiology and Immunology graduates), 2004-2014, Minia University, Egypt.

10. Teaching immunology, virology, mycology and applied microbiology for postgraduate medical students (Medical graduates with different specialties), 2004-2014, Minia University, Egypt.
11. Teaching medical microbiology and immunology for second year dental students, 2004-2014, Minia University, Egypt.
12. Teaching pharmaceutical and medical microbiology and immunology for second year pharmacy students, 2007-2010, Minia University, Egypt.
13. Teaching medical microbiology and immunology for first year nursing students, 2005-2014, Minia University, Egypt.
14. Sharing writing of written exams, grading them and supervising practical exams for medical, dental and nursing students, 2004-2014.
15. Teaching practical virology for medical students, Dept of Microbiology and Immunology, University of Maryland, Baltimore, MD, USA, 2003.
16. Teaching practical Microbiology and Immunology for medical students, 1991-1997, Minia University, Egypt.
17. Teaching practical Pharmacognosy for pharmacy students, 1989-1991, Assuit University, Egypt.
18. External examiner for undergraduate pharmacy students at Assuit, Minia, Bani Suaif, Cairo, Helwan, Zagazig and Al-Azhar universities.
19. Sharing the Exam controls for second year and 6th year (cumulative control) medical students from 2004-2011.

Membership in Professional Organizations:

1. Member of the Membership Review Committee and Coordinator of the Egyptian Sector of the World Society of Virology, 2017-present.
2. Examiner at the Egyptian Promotion Committee for Medical Microbiology and Immunology Associate Professors and Professors, 2016-present
3. European Association for the Study of the Liver (EASL), 2011-present
4. American Association of Immunologists (AAI), 2010-present
5. International Union of Immunological Societies (IUIS), 2010-present
6. Federation of American Societies for Experimental Biology (FASEB), 2010-present
7. Egyptian Association of Immunologists (EAI), 2005-present
8. Director, Minia Faculty of Medicine Scientific group 2008-2009.
9. Egyptian Society for Virology (ESV), 2005-present
10. Egyptian Society for Medical Microbiology (ESMM), 2005-present
11. American Society for Leukocyte Biology, 2002-present
12. American Society for Microbiology (ASM), 2001-present
13. Egyptian Syndicate of Pharmacists, 1989-present

Ad Hoc Peer Review Activities:

1. Reviewer, Transactions of the Royal Society for Tropical Medicine and Hygiene (TRSTMH), 2019-present
2. Reviewer, Beni-Suef Journal of Basic and Applied Science (JBAS), 2018-present
3. Reviewer, Journal of Medical Microbiology (JMM), 2018-present
4. Reviewer, NRF SOUTH AFRICA, 2018-present
5. Reviewer, Current Molecular Medicine, 2018-present
6. Reviewer, American Journal of Tropical Medicine and Hygiene (AJTMH), 2016-present

7. Reviewer, Egyptian J Microbiology, 2016-present
8. Reviewer, Journal of International Medical Research (JIMR), 2016-present
9. Reviewer, Journal of Global Antimicrobial Resistance (JGAR), 2017-present
10. Reviewer, Viral Immunology (VIM), 2016-present
11. Reviewer, Infectious Agents and Cancer (IAAC), 2015-present
12. Reviewer, Journal of Translational Medicine, 2015-present
13. Reviewer, Indian Journal of Medical Research (IJMR), 2015-present
14. Reviewer, Expert Review of Gastroenterology & Hepatology, 2015-present
15. Reviewer, Archives of Virology, 2015-present
16. Reviewer, International Journal of Health Science, 2015-present
17. Grant Reviewer, The Belgian Research Foundation Flanders (Fonds Wetenschappelijk Onderzoek-Vlaanderen, FWO), 2014-present.
18. Reviewer, Eastern Mediterranean Health Journal (EMHJ), 2014-present
19. Reviewer, Burns and Trauma, 2014-present
20. Reviewer, Human Immunology (HI), 2014-present
21. Reviewer, Public Library of Science-1 (PLoS-1), 2014-present
22. Reviewer, Biomed Research International (BRI), 2014-present
23. Reviewer, Journal of Medical Virology (JMV), 2013-present
24. Reviewer, British Microbiology Journal Open (BMJ Open), 2013-present
25. Reviewer, Jordan Journal of Biological Sciences (JJBS), 2013-present
26. Reviewer, Journal of Basic and Applied Zoology, 2012-present
27. Reviewer, BMC Infectious Diseases, 2012-present
28. Editorial board member, Journal of Advances in Medicine, 2012-present
29. Editorial board member, Journal of Gastroenterology and Hepatology Research, 2011-present
30. Reviewer, Journal of Gastroenterology and Hepatology Research, 2011-present
31. Reviewer, Translational Biomedicine, 2011-present
32. Reviewer, Journal of Biomedical Sciences (JBMS), 2011-present
33. Reviewer, Bibliothica Alexandria research grants, 2010-present
34. Reviewer, Annals of Surgical oncology, 2009-present
35. Reviewer, Scientific Research and Essays (SRE), 2009-present
36. Reviewer, Journal of Antimicrobial Chemotherapy (JAC), 2007-present
37. Reviewer, Journal of Leukocyte Biology (JLB), 2004-present

Licensure:

1. Egyptian Pharmacist licensure, General Syndicate of Pharmacists, Egypt, **1989-present**
2. Egyptian Medical laboratory Licensure, Ministry of Health, Egypt, **1993-present**

Meetings and Conferences Organization Activities:

1. Hepacutec project consortium kick-off meeting, Semiramis Hotel, Giza, Egypt, Nov. 9-10, 2010.
2. Hepacivac project consortium meeting, Vacsera, Giza, Egypt, Jan 15-16, 2009.
3. Organized a workshop on Research Ethics conducted at Minia University by Prof. Henry Silverman (Prof. at University of Maryland, Baltimore) on January 24th, 2007.
4. The Scientific activities of Minia Faculty of Medicine Scientific Group, 2005-2007.
5. 19th Graduation Ceremony of Minia University Faculty of Medicine, April 2009.
6. 17th Graduation Ceremony of Minia University Faculty of Medicine, April 2007.
7. 16th Graduation Ceremony of Minia University Faculty of Medicine, April 2006.

8. 15th Graduation Ceremony of Minia University Faculty of Medicine, April 2005.
9. Flow cytometry training workshop on April 2-3, 2005 in conjunction with the 13th annual meeting of the Egyptian Society of Microbiology, Cairo, March 31-April 1st, 2005.

Patent applications:

1. Novel drug for treatment of fungal keratitis, Egyptian Ministry Scientific research, Academy of Scientific Research, Application # 1004/2013

Ph.D. Dissertation Committee:

1. George K. Lewis, Ph.D. (Chair), Institute of Human Virology, University of Maryland, Baltimore, MD 21201, USA.
2. Anthony DeVico, Ph.D. Institute of Human Virology, University of Maryland, Baltimore, MD 21201, USA.
3. Mario Roederer, Ph.D. Vaccine Research Center, National Institutes of Health, Bethesda, MD 20892, USA
4. Roberta Kamin-Lewis, Ph.D. Institute of Human Virology, University of Maryland, Baltimore, MD 21201, USA.
5. Donna Farber, Ph.D. Department of Microbiology and Immunology, University of Maryland, Baltimore, MD 21201, USA.