



Brief Resume

Name: Mohamed Abdel-Hamid Ahmed El-Sayed

Date of birth: January 24, 1956

Place of birth: Cairo

Sex: Male

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Marital status: Married with two Children

Home address: El-Serag Mall, Makram Ebid St, Nasr City, Cairo

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Current job: Professor and Chairman of Microbiology and Immunology School of Medicine, Minia University.

Director, Viral hepatitis Research laboratory, National Hepatology and Tropical Medicine Research Institute.

Qualifications:

1980 M.B., B.Ch.* Ain Shams University Medical School, Egypt

1986 M.Sc. Bacteriology, Cairo University Medical School, Egypt

1992 M.D. (Ph.D.), Microbiology & Immunology, Minia University Medical School, Egypt (In cooperation with the University of North Carolina, Chapel Hill, NC)

Past positions held:

1982-1983: Physician, Armed Forces Military Unit

1983-1986: Demonstrator, Minia University, School of Medicine

1983-1986: Guest Investigator, Cairo University, School of Medicine

1986-1992: Assistant Lecturer, Minia University, School of Medicine

1988-1989: Guest Investigator, NAMRU-3 (Navy American Research Unit-3), Cairo

1989-1992: Ph.D. Fellow, Lineberger Comprehensive Cancer Center, University of North Carolina, USA

1992-1999: Lecturer of Microbiology and Immunology, School of Medicine, Minia University

12/92-1997: Research Fellow, Department of Pathology, University of Maryland School of Medicine

4/97-10/97: Research Associate, Department of Pathology, University of Maryland, School of Medicine, at Baltimore.

10/1997-2007: Consultant, International Health Program, Epidemiology Department, University of Maryland, Baltimore.

2/99- 3/04: Assistant Professor of Microbiology and Immunology, School of Medicine, Minia University

2004-2013: Professor and Chairman of Microbiology and Immunology, School of Medicine, Minia University

2012-2013 Assistant to the president of the Egyptian Academy of Science

2013- present: Professor of Microbiology and Immunology, School of Medicine, Minia University

10/97 – 2/2018: Director, Viral hepatitis Research laboratory (VHRL), National Hepatology and Tropical Medicine Research Institute

2010- 2/2018: Director of the Liver Disease Research Unit (LDRU), General Organization of Teaching Hospitals and Institutes (GOTHI)

2004- Present: Adjunct Associate professor, Epidemiology Department, university of Maryland, Baltimore

2013- 2016: General Director of the clinical laboratory, El-Araby International Hospital.

List of publications:

BOOK CHAPTERS

1. Pathmanathan Rajadurai, Gilligan, K., Prasad, U., Busson, P., **Abdel-Hamid El-Sayed**, M., Tursz, T., Raab-Traub, N. In situ analysis of Epstein-Barr viral expression in nasopharyngeal carcinoma. Ablashi, D.V., Huang, A.T., Pagano, J.S., Pearson, G.R., Yang, C.S., Eds., In Epstein-Barr Virus and Human Disease, Clifton, New Jersey: Human Press, 1990, pp. 331-338

JOURNAL ARTICLES

International Journals

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2. Effert, P., **Abdel-Hamid, M.**, Raab-Traub, N., et al, Alterations of the p53 gene in nasopharyngeal carcinoma, J. Virol., 1992, pp. 3768-3775
3. Walling, D.M., **Abdel-Hamid, M.**, Raab-Traub, N., et al., Co-infection with multiple strains of the Epstein-Barr virus in human immunodeficiency virus-associated hairy leukoplakia, PNAS, 1992, 89, 6560-6564
4. **Abdel-Hamid, M.**, Constantine, N., Raab-Traub, N., et al. EBV strain variation: Geographical distribution and relation to disease state, J. Virol., 1992, 190, 168-175
5. Zhang, X., Constantine, N.T., Li, L., **Abdel-Hamid, M.**, Smialek, J.E. Application of commercial assays to detect IgG antibodies to hepatitis C virus in urine: A pilot study using autopsy specimens. J. Med. Virol., 1994, 44, 187-191
6. Constantine, N.T., **Abdel-Hamid, M.**, Oldach, D.W. Rapid genotyping of hepatitis C virus. N. Engl. J. Med., 1995, 333, 800
7. **Abdel-Hamid, M.**, Edelman, D., Highsmith, W.E., Constantine, N.T. Optimization, assessment, and proposed use of a direct nested RT-PCR for the detection of hepatitis C virus. J. Human Virol. , 1997, 1, 59-66
8. Kenji, A., Konomi, N., **Abdel-Hamid, M.** Direct polymerase chain reaction of hepatitis B, C and g virus genomes from serum without nucleic acid extraction-simple, rapid and highly sensitive method. Hepatology Research. 1998, 13, 62-70.
9. Habib, M., Mohamed, M.K., Abdel-Aziz, F., Madger, L.S., **Abdel-Hamid, M.**, Gamil, F., Madkour, S., Mikhail, N.N., Anwar, W., Strickland, G.T., Fix, A.D., Sallam, I., Hepatitis C virus infection in the Nile Delta: Risk factors for seropositivity, Hepatology, 2001, 33(1), 248-253.
10. Fix, A.D., **Abdel-Hamid, M.**, Purcell, R.H., Shehata, M.H., Abdel-Aziz, F., Mikhail, N., El Sebai, H., Nafeh, M., Habib, M., Arthur, R.R., Emerson, S.U.,

Strickland, G.T. Prevalence of hepatitis E in rural Egyptian communities. *Am J Trop Med Hygiene* 2000.

11. Fatma, A.A., Habib, M., Mohamed, M.K., **Abdel-Hamid, M.**, Gamil, F., Madkour, S., Mikhail, N.N., Thomas, D., Fix, A.D., Strickland, G.T. Hepatitis C Virus Infection in a Community in the Nile Delta: 1. Population Description and Anti-HCV Prevalence. *Hepatology* 2000, 32, 111-115.
12. Nafeh, M.A., Medhat, A., Shehata, M., Mikhail, N.H., Swiffee, Y., **Abdel-Hamid, M.**, Watts, S., Fix, A.D., Strickland, G.T., Anwar, W., Sallam, I. Hepatitis C Virus Infection in a Community in Upper Egypt: 1. Cross-sectional Survey. *Am J Trop Med Hygiene* 2000 63(5-6), 236-41.
13. Sanchez JL, Sjorgen MH, Callahan JD, Watts DM, Lucas C, **Abdel-Hamid M**, Constantine NT, Hyams KC, Hinostroza S, Figueroa-Barrios R, Cuthie JC, Hepatitis C in Peru: Risk factors for infection, potential iatrogenic transmission and genotype distribution; *Am. J. Trop. Med. Hyg.*, 2000, 63(5-6), 242-48.
14. **Abdel-Hamid, M.**, Fix, A.D., El-Daly, M., El-kafrawy, S., Mikhai, N., Strickland, G.T., Comparison of Second and Third Generation Enzyme Immunoassays (Eia) in Detecting Antibodies to Hepatitis C Virus, *J. Clin. Microbiol.* 2002 40(5), 1656-59.
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42. Ressom, H.W., Varghese, R.S., Drake, S.K., Hortin, G.L., **Abdel-Hamid, M.**, Loffredo, C.A., and Goldman, R. (2007) Peak selection from MALDI-TOF mass

spectra using ant colony optimization. *Bioinformatics*, 23, 619-626. (Selected for editorial review in the *Journal of Proteome Research* 2007; 6, 619-626)

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48. Mbulaiteye SM, Pfeiffer RM, Dolan B, Tsang VC, Noh J, Mikhail NN, **Abdel-Hamid M**, Hashem M, Whitby D, Thomas Strickland G, Goedert JJ. Seroprevalence and risk factors for human herpesvirus 8 infection, rural Egypt. *Emerg Infect Dis*, 2008; 14 (4): 586-591.
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68. Khaled AbdulQawi¹, Ahmed Youssef², Mohamed A Metwally³, Ibrahim Ragih⁴, **Mohamed Abdul-Hamid**^{5,6}, AbdulAziz Shaheen⁵. Prospective Study of Prevalence and Risk Factors for Hepatitis C in Pregnant Egyptian Women and Its Transmission to Their Infants. *Croat Med J*. 2010; 51: 219-28
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70. Aya Mostafa¹, Sylvia M. Taylor², Mai El-Daly³, Mostafa El Hoseiny¹, Iman Bakr¹, Naglaa Arafa¹, Val'erie Thiers^{4,5,6}, Francis Rimlinger^{4,5,6}, **Mohamed Abdel-Hamid**⁷, Arnaud Fontanet² and Mostafa K. Mohamed¹ Is the hepatitis C virus epidemic over in Egypt? Incidence and risk factors of new hepatitis C virus infections *Liver International* ISSN 1478-3223
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GRANT SUPPORT

Principal Investigator

U.S./Egypt Science and Technology Board: “Feasibility Study of Biomarkers For Hepatocellular Carcinoma in Egypt“

Co-Principal Investigator

World Health Organization: “Hepatitis C Virus in Egypt” Mostafa Kamal Mohamed, P.I.,

Principal Investigator

U.S./Egypt Science and Technology Board: “Genetic Risks for Liver Cancer among Persons Exposed to Environmental Toxicants in Egypt”

Co-Principal Investigator

RO1 - Malignant Complications of Chronic HCV” Christopher Loffredo, P.I. 9/29/99–6/30/04

Co-Principal Investigator

Wellcome Trust: “Evaluation of Protective Disease-Associated and Therapeutic Immunity to Hepatitis C Virus Infection” G. Thomas Strickland, P.I. 6/01/00-5/31/05

Major Foreign Collaborator

International Collaborations in Infectious Disease Research (ICIDR), National Institute of Child Health and Development (NICHD), NIH: “Epidemiology and Natural History of Hepatitis E in Egypt” G. Thomas Strickland, P.I.6/1/00-5/31/05,

Consultant

Schering Plough: “Efficacy of Therapy with Interferon (Interferon alfa-2b or Pegylated Interferon alfa-2b) in Combination with Ribavirin for Chronic Hepatitis C Infection in Egypt” Maria H. Sjogren, P.I.

Principal Investigator

U.S./Egypt Science and Technology Board. The Role of the Tumor Necrosis Factor (TNF) - FasL in the Development of Hepatocellular Carcinoma in Egypt. (2-year), December 2000.

Principal Investigator

U.S./Egypt Science and Technology Board: “Proteomic analysis of human lymphocytes in a hepatocellular carcinoma case control study“

Consultant

“Clinical trial of the efficacy of the combination of pegylated interferon (PEG-IFN α -2a) plus ribavirin in Egyptian patients with untreated chronic hepatitis C” (ANRS 1211) January, 2002. Mostafa K. Mohamed, P.I., Arnaud Fontanet, P.I.

Consultant

“Clinical trial of the efficacy of pegylated interferon (PEG-IFN α -2a) alone in Egyptian patients with acute hepatitis C” (ANRS 1213) January, 2002.

Mostafa K. Mohamed, P.I., Arnaud Fontanet, P.I.

Principal Investigator

“Pesticides and Aflatoxin B1 risk assessment for control and prevention of Hepatocellular Carcinoma in Egypt” (WHO) March 2003.

Principal Investigator

"New Tools of Laboratory Investigations for Hepatitis"; Teragenix Corporation.

Principal Investigator

U.S./Egypt Science and Technology Board: “Genetic and Epidemiological Risk Factors for Childhood Leukemia in Egypt”

Principal Investigator

U.S./Egypt Science and Technology Board: “Environmental and Genetic Risk Factors for Congenital Cardiovascular Malformation in Egypt”

Principal Investigator

WHO: "Use of cDNA Microarray for Discovery of Prognostic Markers for Squamous Cell Carcinoma of the Bladder"

Principal Investigator

"Augmentation of anti-viral immune against hepatitis C virus by probiotic bacteria" University of Kuopio, Finland. (2008-2010)

Principal Investigator

"Beneficial health effects of probiotic supplement to nursing Egyptian Mothers and their babies" University of Kuopio, Finland. (2007-2009)

Principal Investigator

"Study of the association of specific cluster of hepatitis C virus (HCV) genotype 4 and the development of hepatocellular carcinoma (HCC) in Egypt (case-control study)" Swedish International Development Co-operation Agency (SIDA), Sweden. (2006-2008)

Co-Principal Investigator

RO1 - Malignant Complications of Chronic HCV” P.I.: Christopher Loffredo, 2005-2010

Principal Investigator:

An investigation of serum factors that modulate HCV infectivity in an Egyptian cohort of acutely infected patients: role of quasispecies evolution neutralising antibodies, serum amyloid A and lipoproteins. ANRS 12188 (P.I.s: François-Loïc Cosset and Mohamed Abdel-Hamid). Funded by ANRS (2009-2010)

Principal Investigator:

Egyptian-Finish projects. Academy of Science: Environmental exposure to flatoxins: Effects on human placental expression of metabolism-associated genes and proteins putatively important for the well-being of foetus

ANRS France:

Co-Investigator and CO-PI

- Intrafamilial transmission of HCV in endemic areas and identification of human genetic factors controlling HCV infection funded by ANRS grant 12107, 2006-2008
- Hepatitis C infection and clearance: associations with atherosclerosis and the metabolic syndrome. Funded by the Wellcome Trust Foundation; 2006-2008.
- Symptomatic acute hepatitis C in Egypt. Funded by ANRS 12122, 2006-2009.
- The role of plasmacytoid DCs in the endogenous production of type I interferons during acute HCV funded by ANRS 2006-2008. ANRS 12135
- Feasibility for non-Invasive screening for HCV related fibrosis funded by NIH NIAID 1 R03 AI067440-01 Sept 2006-August 2009
- THE ESTABLISHMENT OF AN ANRS RESEARCH SITE ON VIRAL HEPATITIS IN CAIRO, EGYPT FUNDED BY ANRS 2007-2009
- Liver fibrosis evaluation among HCV genotype 4-infected patients in Egypt. Comparison of elastometry, histology and serum markers. ANRS 12184. Coordinator: P. BONNARD (Hôpital TENON), G. ESMAT (National Hepatology and Tropical Medicine Research Institute) Funded by ANRS 2008-2010
- HCV transmission and transient HCV infection among healthcare workers in Cairo, Egypt. ANRS 12171, Coordinator: S. TAYLOR (Institut Pasteur), MK. MOHAMED (Team F) Funded by ANRS: 2008-2010
- HCV and HBV prevalence and follow up serosurveys among healthcare workers Ain Shams University Hospitals, Egypt. Ain Shams funded projects, Principal investigator Mostafa K. MOHAMED (2008-2011).
- Prospective open cohort of symptomatic acute hepatitis B and C in Egypt . Funded by ANRS 12210, Principal Investigator: Mostafa K. Mohamed. Funded by ANRS: 2009-2012
- Preclinical study for the evaluation of chemokine antagonism in chronic hepatitis C génotype 4 infection. ANRS 12216 Mona RAFIK Funded by ANRS: 2009-2012