

السيرة الذاتية
للدكتور/ محمد عبد الرازق الفرش

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Prof. Mohamed Abdel-Razek El-Farrash

A) Personal data:



- Name: Mohamed Abdel-Razek El-Farrash
- Date of Birth: 19 July 1952
- Nationality: Egyptian
- I.D. number: 25207191200371
- Passport number: 955050 Egypt 31
- Religion: Muslim
- Present status: Emeritus Professor of Medical Microbiology and Immunology, Faculty of Medicine, Damietta University
- Present address: Borg El-Noras, 20 El-Gomhoria Street, Mansoura City, Egypt.
- Telephone number: 20-1001563888
- E-mail address mfarash@du.edu.eg. mfarash@mans.edu.eg

B) Educational Background:

- 1970 – 1976: Faculty of Medicine, Mansoura University (Graduated 1976 December M.B.B.Ch. Very Good with honor)
- 1980 – 1982: Graduate School of Medicine, Mansoura University, Master course in Microbiology and Immunology (Graduated 1982 November as Master of Medical Microbiology and Immunology. Very Good)
- 1986 April – 1986 September: Osaka University of Foreign Studies, Japanese Language course (Graduated 1986 September)
- 1987 – 1989: Graduate School of Medicine, Kyoto University, Kyoto, Japan, Doctor's course of Medical Virology at Institute for Virus Research
- 1989 – 1991: Graduate School of Medicine, Kumamoto University, Kumamoto Japan, Doctor's course in Medical Virology and

Biodefence (Infection Control) (Graduated 1991 March as Doctor of Medical Science in Pathology and PhD of Medical Virology).

C) Employment Background:

- 1977 March – 1978 February: House officer at Mansoura University Hospital, Mansoura Egypt
- 1978 March – 1980 April: Resident at Ministry of Health Hospitals Egypt
- 1980 May – 1982 November: Demonstrator in the Department of Medical Microbiology and Immunology, Faculty of Medicine, Mansoura University, Egypt.
- 1982 December – April 1991: Assistant Lecturer in the Department of Medical Microbiology and Immunology, Faculty of Medicine, Mansoura University (From April 1986 on Leave as a member of the mission of Egypt Ministry of Higher Education to study in Japan)
- 1991 May – 1995 March: Assistant Professor in the Department of Biodefence and Medical Virology, Faculty of Medicine, Kumamoto University, Kumamoto Japan.
- 1995 April – 1996 August: Medical Consultant and Research team leader, Department of Antiviral Drugs, Shionogi Institute for Medical Sciences, Osaka Japan.
- 1996 September – 2001 January: Lecturer of Medical Virology at the Department of Medical Microbiology and Immunology, Faculty of Medicine, Mansoura University, Mansoura Egypt.
- 1999 December – 2000 March: Visiting Professor of Virology at AIDS Research Center, Faculty of Medicine, Kumamoto University, Kumamoto, Japan.
- 2001 January – 2006 January: Associate Professor of Virology at the Department of Medical Microbiology and Immunology, Faculty of Medicine, Mansoura University, Mansoura Egypt.
- 2001 October – 2002 April: Visiting Professor of Virology at Human Gene Science Center, Faculty of Medicine, Tokyo Medical and Dental University, Tokyo, Japan.
- 2006 January – Now: Professor of Medical Virology at the Department of Medical Microbiology and Immunology, Faculty of Medicine Mansoura University.
- 2006 April – 2006 June: Visiting Professor at the Institute for Virus Research, Kyoto University, Kyoto Japan.
- 2007 November – 2008 March: Visiting Professor of Virology at Human Gene Science Center, Faculty of Medicine, Tokyo Medical and Dental University, Tokyo, Japan.

- November 2010 – October 2011: Vice Dean for Postgraduate Studies and Research, Faculty of Medicine, Mansoura University, Egypt.
- October 2011 – August 2012: Vice Dean for Education and Students Affairs, Faculty of Medicine Mansoura University, Egypt.
- September 2012 – September 2016: Emeritus Professor at the Department of Medical Microbiology and Immunology, Faculty of Medicine Mansoura University.
- October 2016 – September 2021: Vice Dean and Chair of the Department of Basic and Clinical Medical Sciences at Horus University Egypt.
- October 2021 – Now: Emeritus Professor and supervisor of the Department of Medical Microbiology and Immunology, and department of Medical Parasitology, Faculty of Medicine Damietta University.

D) Japanese Experience:

- 1986 April – 1986 September: Osaka University of Foreign Studies, Japanese Language course (Graduated 1986 September)
- 1987 – 1989: Graduate School of Medicine, Kyoto University, Kyoto , Japan , Doctor's course of Medical Virology at Institute for Virus Research
- 1989 – 1991: Graduate School of Medicine, Kumamoto University, Kumamoto Japan, Doctor's course in Medical Virology and Biodefence (Infection Control) (Graduated 1991 March as Doctor of Medical Science in Pathology and PhD of Medical Virology).
- 1991 May – 1995 March: Assistant Professor in the Department of Biodefence (Infection Control) and Medical Virology, Faculty of Medicine, Kumamoto University, Kumamoto Japan.
- 1995 April – 1996 August: Medical Consultant and Research team leader, Department of Antiviral Drugs, Shionogi Institute for Medical Sciences, Osaka Japan.
- 1999 December – 2000 March: Visiting Professor of Virology at AIDS Research Center, Faculty of Medicine, Kumamoto University, Kumamoto, Japan.
- 2001 October – 2002 April: Visiting Professor of Virology at Human Gene Science Center, Faculty of Medicine, Tokyo Medical and Dental University, Tokyo, Japan.
- 2006 April – 2006 June: Visiting Professor at the Institute for Virus Research, Kyoto University, Kyoto Japan.

- 2007 November – 2008 March: Visiting Professor of Virology at Human Gene Science Center, Faculty of Medicine, Tokyo Medical and Dental University, Tokyo, Japan.

E) Administrative experience:

- Acting Dean Faculty of Dentistry Horus University Egypt
- Vice Dean for Education and Students Affairs, Faculty of Medicine, Mansoura University.
- Vice Dean for Postgraduate Studies, Research and Cultural Affairs, Faculty of Medicine, Mansoura University.
- Director of the Unit for Continuous Medical education, Faculty of Medicine, Mansoura University.
- Director of the Unit for Management of Crises and Disasters, Faculty of Medicine, Mansoura University.
- Member of the Committee for Management of Scientific Laboratories Mansoura University.
- Member of the Committee for Management of Swine flu Pandemic Crises in Dakahlia Governorate Egypt.
- Supervisor of the Medical Students Scientific Association Mansoura University.

F) Teaching Experience:

- 1- Teaching Medical Microbiology and Immunology courses for medical students at Faculty of Medicine, Damietta University from 12021 – Now.
- 2- Teaching Medical Microbiology and Immunology courses for medical students at Mansoura Faculty of Medicine from 1980 – 2016.
- 3- Teaching Medical Microbiology and Immunology and Infection Control courses for Dental students at Faculty of Dentistry Horus University from 2016 – Now.
- 4- Teaching Medical Microbiology and Immunology courses for students at Faculty of Pharmacy Horus University from 2016 – 2021.
- 5- Teaching Medical Microbiology and Immunology courses for Dental students at Mansoura Faculty of Dentistry from 1980 – 2021 (alternative every 3 – 4 years).
- 6- Teaching Medical Microbiology and Immunology courses for students at Mansoura Faculty of Nursing.

- 7- Teaching Medical Virology for post graduate students for master's degrees in different clinical branches at Mansoura Faculty of Medicine from 1995 – Now
- 8- Teaching Medical Virology for post graduate students for master's degree in medical microbiology and Immunology in Faculty of Medicine Mansoura University from 1995 – Now.
- 9- Teaching Medical Virology for post graduate students for Doctor Degree in Medical Microbiology and Immunology in Faculty of Medicine Mansoura University from 1995 – Now.
- 10- Teaching Medical Microbiology and Immunology courses for students and postgraduate doctors at Mansoura Faculty of Dentistry from 1996 – Now.
- 11- Teaching Medical Virology for Medical Students at Kumamoto University School of Medicine, Japan from 1991 – 1995.
- 12- Teaching Medical Virology for Postgraduate Students at AIDS Research Center Kumamoto University, Japan from 1999 – 2000.
- 13- Teaching Medical Virology for Postgraduate Students at Human Gene Science Center, Tokyo Medical and Dental University, Japan from 2001– 2002. And from 2007 – 2008.
- 14- Chief tutor in Mansoura- Manchester Program for Medical students

G) Professional Membership:

- 1- Egyptian Syndicate of Medical Doctors
- 2- Egyptian Society of Medical Microbiology
- 3- Egyptian Society of Infection Control
- 4- Japanese Congress of Virologists
- 5- Japan Society of AIDS Research
- 6- American-Japanese AIDS Society
- 7- The New York Academy of Sciences.
- 8- Egyptian Society of Virology.

H) List of Publications:

- 1- **El-Farrash MA**, Badr MF, Hawas S et al. (1988): Sporadic Carriers of Human T-Lymphotropic Virus Type I in Northern Egypt. Microbiol. Immunol; 32 (9): 981 – 984.
- 2- **El-Farrash MA** and Harada S (1989): Syncytium-inducing Capacity of Human Immunodeficiency Virus (HIV): Analysis by the use of cloned viruses. Microbiol. Immunol; 33(7): 549 – 559.

- 3- **El-Farrash MA**, Masuda T and Harada S (1990): Synergistic Infectivity of Highly and Minimally Infectious clones of HIV in vitro. *J Infect Dis*; 161: 1010 – 1013.
- 4- Kubota S, **El-Farrash MA**, Maki M et al (1990): 2,3 Dimercapto-1-Propanol inhibits HIV-1 Tat Activity, Viral Production and Infectivity in vitro. *AIDS Research and Human Retroviruses*; 6(7): 919 – 925.
- 5- Gyotoku JI, **El-Farrash MA**, Fujimoto S et al. (1991): Inhibition of HIV replication in a Human T-cell line by Antisense RNA expressed in the cell. *Virus Genes*; 5(3): 189 – 202.
- 6- **El-Farrash MA**, Kuroda MJ and Harada S. (1992): HIV-1 mutation to escape the effects of Protease inhibitors in vitro impaired its infectivity and pathogenicity. *AIDS* 8(Supp4): 20.
- 7- **El-Farrash MA**, Masuda T, Kuroda MJ et al. (1993): In vitro Modification of HIV-1 infectivity by the U937 Cells. *Microbiol. Immunol*; 37(5): 349 – 357.
- 8- Masuda T, **El-Farrash MA**, Kuroda MJ et al. (1993): Analysis of 3' Terminals of HIV-1 Transcripts in persistently-infected cells. *Virus Genes*; 7(3): 241 – 253.
- 9- Salem HA, **El-Farrash MA**, Abdel-Azim Z et al. (1993): Human T-lymphotropic Virus (HTLV-I) in Mycosis fungoides. *Mansoura Med. J*; 23 (1, 2): 198 – 202.
- 10- Akari H, Kuroda MJ, **El-Farrash MA** et al. (1994): Exposure of p19 matrix protein of HTLV-I on the surface of MOLT4 #8 cells after adsorption. *Arch Virol*; 136: 389 – 395.
- 11- **El-Farrash MA**, Kannagi M, Kuroda MJ et al. (1994): The Mycoplasma-related inhibitor of HIV-1 Reverse Transcriptase has a DNase activity and is present in the Particle-free supernatant of contaminated cultures. *J Virol Methods*; 47: 73 – 82.
- 12- **El-Farrash MA**, Kuroda MJ, Kitazaki T et al (1994): Generation and Characterization of an HIV-1 mutant resistant to HIV-1 protease inhibitors. *J Virol*; 68(1): 233 – 239.
- 13- Kuroda MJ, **El-Farrash MA**, Choudhury S et al. (1995): Impaired infectivity of HIV-1 after a single point mutation in the *pol* gene to escape the effect of protease inhibitors in vitro. *Virology*; 210: 212 – 216.
- 14- **El-Farrash MA**, Salem H, Kuroda MJ et al (1995): Isolation of HTLV-I from a transformed T-cell line derived spontaneously from lymphocytes of a seronegative Egyptian patient with mycosis fungoides. *Blood*; 86(5): 1842 – 1849.
- 15- Choudhury S, **El-Farrash MA**, Kuroda MJ et al. (1996): Retention of HIV-1 inside infected MOLT-4 cells in association with adhesion-induced cytoskeleton re-organization. *AIDS*; 10(4): 363 – 367.

- 16-Hassan A, El-Gohary A, **El-Farrash MA** et al. (1996): HTLV-I-associated Myelopathy? Tropical spastic paraparesis in Egypt. *Egy. J Neurol Psychiat Neurosurg*; 33 (2): 181 – 185.
- 17-Abdel-Khabir A, Mowafy W, **El-Farrash MA** et al. (1997): Role of Cytomegalovirus (CMV) in male infertility. *Al-Azhar J Microbiol*; 37: 119 – 125.
- 18-El-Farrash MA, Nassar S and El-Baz M. (1997): Role of CMV in triggering vitiligo. *Egypt J Med Microbiol*; 6(3): 409 – 416.
- 19-Fujiwara T, Sato A, **El-Farrash MA** et al. (1998): S-1153 inhibits replication of known drug-resistant strains of HIV-1. *Antimicrobial Agents and Chemotherapy*; 42(6): 1340 – 1345.
- 20-Omar NS, **El-Farrash MA**, Shaalan H et al. (1999): In utero infection with Chlamydia trachomatis as a cause of spontaneous abortion. *Egypt J Med Microbiol*; 8(2): 475 – 480.
- 21-Ali MM, **El-Farrash MA**, Abdel-Mageed S et al. (1999): Inhibition of Staphylococcus aureus and Escherichia coli on one wing of the house fly by organisms on the other wing of the same fly. *Egypt J Med Microbiol*; 8(2): 489 – 493.
- 22-El-Khamisy TR, **El-Farrash MA** and Rizk MS. (1999): Antibacterial combined activities against clinical multi-resistant isolates of Pseudomonas aeruginosa. *Egypt J Med Microbiol*; 8(4): 677 – 682.
- 23-**El-Farrash MA** (2000): U-1 Cells: an ex-vivo model for safe effective HIV-1 vaccine. *Egypt J Med Microbiol*; 9(1): 151 – 157.
- 24-**El-Farrash MA**, El-Gaml S, El-Khamisy TR et al. (2000): Relation between antibody titers and clinical presentations in patients with HCV infection. *Egypt J Med Microbiol*; 9(2): 249 – 253.
- 25-**El-Farrash MA**, Handousa AE and Rizk MS. (2001): Comparison between HCV antigen detection and PCR in HCV seropositive Egyptians. *Egypt J Med Microbiol*; 10(2): 239 – 243.
- 26-Rizk MS, **El-Farrash MA**, Zaghloul W et al. (2001): Epidemiology of HCV in an Egyptian Village. *J Environ. Science*; 22: 103 – 124.
- 27-Abdel-Aziz KM, Ghazy MH and **El-Farrash MA**. (2002): A novel approach to develop disinfecting dental cement. *Egypt Dental J*; 48: 1267 – 1272.
- 28-**El-Farrash MA**, Youssef JM and El-Mongy SE. (2003): Allopurinol as a potential therapeutic agent for recurrent herpes labialis. *J Med Dent Sci*; 50: 147 – 154.
- 29-**El-Farrash MA**, Badr RI, Omar EE et al. (2003): Human herpesviruses type 5 and type 6 in Leukocytes of multiple blood transfusion recipients. *Egypt J Med Microbiol*; 12(1):115 – 122.

- 30-**El-Farrash MA.** (2003) Reversed association between HCV viraemia and Schistosome antibodies in healthy seropositive Egyptians. *Egypt J Med Microbiol*; 12(2): 519 – 526.
- 31-**El-Farrash MA,** Hawas SA, Salama MF et al. (2003): Phage-typing of MRSA isolates from Mansoura University Hospitals. *Egypt J Med Microbiol*; 12(3): 631 – 640.
- 32-**El-Farrash MA,** Mowafy WK, El-Kamisy TR et al. (2004): Serological Markers of Autoimmunity in HCV-infected Egyptians. *Egypt J Med Microbiol*; 13(1): 63 – 70.
- 33-**El-Farrash MA** and Nakamura M. (2004): HCV core protein stimulates Telomerase activity and Nuclear factor Kappa B in activated hepatocytes or cells lacking p53: A model for HCV oncogenesis in hepatocellular carcinoma. *Egypt J Med Microbiol*; 13(4): 831 – 838.
- 34-**El-Farrash MA,** Taher S and Abou-El ela MA. (2005): HEV epidemiology in Northern Egypt is modified by the predominant HCV infection. *Egypt J Med Microbiol*; 14(1): 101 – 109.
- 35-**El-Farrash MA,** Aly HH, Watashi K, and Shimotohono K. (2006): In Vitro Infection of Primary Hepatocytes by HCV genotype 4a and Inhibition of Virus Replication by Cyclosporine. *Egypt J Med Microbiol*; 15(2): 307 – 316.
- 36- **El-Farrash MA,** Abdel-Wahab M and Rizk MS. (2008): Serum Aflatoxin level as a predictor of Hepatocarcinogenesis in HCV-infected Egyptians. *Egypt J Med Microbiol*; 17(1): 83 – 90.
- 37-**El-Farrash MA.** (2009): Mansoura University experience in combating swine flu (H1N1). *Egypt J Med Microbiol*; 19(3): 103 – 105.
- 38-**El-Farrash MA.** (2010): An outbreak of Adenoviral conjunctivitis in Northern Egypt. *Egypt J Virol*; 3 (1): 10 – 15.
- 39-El-Kasby N, Taher S, Mowafy WK and **El-Farrash MA.** (2011): Adenoviral infections in Mansoura Children hospital. *Egypt J Med Microbiol*; 20(5): 135 – 144.
- 40- Shawki K, Taher S, El-Nashar N and **El-Farrash MA.** (2011): A new approach for engineering a vaccine for Calcivirus. *Egypt J Virol*; 3 (3): 30 – 45.

I) Authorships:

- Medical Virology: Simplified and Updated 2005.
- Medical Microbiology and Immunology for Medical Students "With other Department Members".

- Medical Microbiology and Immunology for Dental Students "With other Department Members".
- Medical Microbiology and Immunology for Nursing Students "With other Department Members".
- Medical and Dental Terminology for Dental Students.
- Medical Microbiology and immunology for Dental students.
- Dental Microbiology and Infection Control in Dentistry.