

Curriculum vitae

Name: Amel Gaber Mahmoud Elsheredy

Nationality: Egyptian.

Religion: Moslem.

Date of birth: 25/2/1978

Social status: Married

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Certificates:

- MBBCh, Faculty of Medicine, Alexandria University, 2001.
- Master degree in Medical Microbiology and Immunology, Faculty of Medicine, Alexandria University, 2008.
- Doctor degree in Diagnostic and Molecular Microbiology, Medical Research Institute, Alexandria University, 2012.

Practical experience:

- Demonstrator in the Microbiology department in the Medical Research Institute (2003-2009)
- Assistant lecturer in the Microbiology department in the Medical Research Institute (2009-2012)

- Lecturer in the Microbiology department in the Medical Research Institute from 25/11/2012 till now.
- Have practical experience in bacteriological cultures and sensitivities, serological techniques (ELISA) and molecular biology techniques (conventional and real-time PCR, DNA sequencing).

Workshops and Conferences:

- 15th Conference (3rd International) Medical Research Institute, Alexandria University. Advances in Medical Research “From molecular medicine to clinical applications” 20th – 23rd October, 2009.
- Molecular epidemiology and phylogenesis of infectious diseases Workshop held at the Medical technology center from 19 to 21 March 2012.
- Second Students Conference Hepatitis C. Held at Alexandria Faculty of Medicine from 10th to 12th March, 2013.
- 6th International Conference (18th Annual conference) of Medical Research Institute, Alexandria University. “Multidisciplinary approach in cancer management” held from 23rd – 26th September, 2014.
- Active participation and preparation of the Basic techniques used in Molecular Biology Workshop held at the Medical technology center from 20th to 23rd October 2014.
- Active participation and preparation of the Basic Microbiology lab Techniques Workshop held at Microbiology department, Medical Research Institute from 15th- 18th February 2016.
- 1st Annual Conference of Laboratory departments of Medical Research Institute Alexandria University named “Critical Issues in Laboratory Medicine and Recent Advances in Lab Research: Together facing the future” held at Mediterranean Azur Hotel, from 7th-9th May, 2016

- 6th Annual International conference of Infection Control named "Novel Strategies in Infection control and Prevention" held at Alexandria Armed Forces Hospital from 12th – 13th October, 2016.
- Applied Biosafety Training Workshop from 4- 6 December 2016
- 2nd Annual Conference of Laboratory Departments of Medical Research Institute Alexandria University named “Laboratory Medicine Updates, Better Cancer Management, Best Clinical Outcome” held at Mediterranean Azur Hotel, from 4th-5th November, 2017

Publications:

- Occult Hepatitis B virus infection in patients with blood diseases. International Journal of Current Microbiology and Applied Sciences (IJCMAS). 2015; 4 (1): 1-10.
- Preparation and characterisation of antibacterial silver-containing nanofibres for wound healing in diabetic mice. International Journal of Nanoparticles. 2015; 8 (1), pp. 82-98.
- Correlation of quorum sensing and virulence factors in *Pseudomonas aeruginosa* isolates in Egypt. Journal of Infection in Developing Countries. 2015; 9(10) pp.1091-1099.
- The Effect of IP-10 Level and HLA-DP/DQ Polymorphisms on Response to Nucleoside/ Nucleotide Analogues Treatment among Hepatitis B Egyptian Patients. British Microbiology Research Journal. 2016; 13(4) pp. 1-11
- Hepatitis C Virus Core Gene Polymorphism in Cases of Hepatocellular Carcinoma. Advances in Tumor Virology. 2016; 13(4) pp.6 23–29
- Seronegative and occult hepatitis C virus infections in patients with hematological disorders. Archives of Virology. 2016; 162 pp 63–69
- Sequence Heterogeneity in the Core and NS5A Region of Hepatitis C Virus (HCV) and IL-28B Polymorphisms in Predicting Treatment Response among

Chronic HCV Genotype 4 Infected Egyptian Patients. International Journal of Current Microbiology and Applied Sciences (IJCMAS). 2017, Vol. 6, No. 7, pp.2382-2398.

- Study of Interleukin IL-28B rs12979860 and rs8099917 Polymorphisms among HBV Infected Egyptian Patients. Egyptian Journal of Medical Microbiology. 2017, Vol. 26, No. 3, pp. 45-51.
- Detection of Human Parvovirus B19 Infection among Egyptian Patients with Haematological Disorders. Journal of Biotechnology Science Research. 2017: Volume 4(1) Page:181-187
- Study of Interleukin 28B rs12979860 and rs8099917 Polymorphisms and T-helper 1 Response in Hepatitis C Virus Patients. The Egyptian Journal of Immunology. 2015. Volume 22 (2), Page: 57-68

Supervision of the following thesis:

- Occult Hepatitis B virus infection in patients with blood diseases
- Study of Interleukin 28B rs12979860 and rs8099917 Polymorphisms and T-helper 1 Response in Hepatitis C Virus Patients
- The Effect of IP-10 Level and HLA-DP/DQ Polymorphisms on Response to Nucleoside/ Nucleotide Analogues Treatment among Hepatitis B Egyptian Patients
- Impact of an infection control program on rates of catheter associated urinary tract infection in a health insurance hospital in Alexandria
- Preparation and characterisation of antibacterial silver-containing nanofibres for wound healing in diabetic mice
- Prevalence of NS3 protease (NS3) mutations in chronically infected HCV patients in Egypt and comparison with that of worldwide isolates

- Sequence Heterogeneity in the Core and NS5A Region of Hepatitis C Virus (HCV) and IL-28B Polymorphisms in Predicting Treatment Response among Chronic HCV Genotype 4 Infected Egyptian Patients
- Characterization of drug resistance profiles to directly acting agents in hepatitis C virus naïve patients
- The effect of azithromycin on quorum sensing system and virulence factors in clinical isolates of *Pseudomonas aeruginosa*
- Phenotypic and Genotypic Patterns of Aminoglycosides Resistance among *Pseudomonas aeruginosa* Clinical Isolates
- Phenotypic and Genotypic Patterns of Beta Lactam Resistance among *Pseudomonas aeruginosa* Clinical Isolates.
- Study of miRNA-122 & miRNA-130a expression among Egyptian Patients Infected with Chronic Hepatitis C Virus
- Detection of bacterial pathogens causing ventilator associated pneumonia in intensive care unit: risk factors and antibiotic resistance
- Hepatitis C Virus Core Gene Polymorphism in Cases of Hepatocellular Carcinoma (Faculty of Medicine - Alexandria University)
- Seronegative and occult hepatitis C virus infections in patients with hematological disorders (Faculty of Science - Azhar University)
- Detection of Human Parvovirus B19 Infection among Egyptian Patients with Haematological Disorders (Faculty of Science - Azhar University)
- Evaluation of Ankafred Blood Stopper as a Haemostatic and Antimicrobial Agent Following Caldwell-Luc Operation (Faculty of Dentistry - Alexandria University)