



## Curriculum Vitae

- **Name:** Nora Fahmy Mahmoud
- **Title:** Professor
- **Department:** Microbiology & Immunology
- **E-mail :** nora.fahmy@su.edu.eg

### A) Academic Qualifications:

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|---|--|-------------------|
| - <b>Bachelor's Degree in</b> Pharmaceutical Sciences | <b>University:</b> Suez Canal University | <b>Year:</b> 2002 |
| - <b>Masters Degree in</b> Microbiology & Immunology  | <b>University:</b> Suez Canal University | <b>Year:</b> 2006 |
| - <b>Ph.D in</b> Microbiology & Immunology            | <b>University:</b> Suez Canal University | <b>Year:</b> 2010 |

### Other Qualifications:

#### B) Academic promotions :

[hyperlink for Total C.V](#)

- |                        |                   |
|------------------------|-------------------|
| - Demonstrator,        | Date: August 2002 |
| - Assistant Lecturer,  | Date: August 2006 |
| - Lecturer,            | Date: April 2010  |
| - Assistant Professor, | Date: May 2016    |
| - Professor            | Date: May 2023    |

### **C) Scientific Merit:**

- Google Scholar

[https://scholar.google.com/citations?hl=en&user=rQggkjkAAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=rQggkjkAAAAJ&view_op=list_works&sortby=pubdate)

- Scopus Author ID: 56333243100
- Citations:173                      h-index: 8                      i10-index: 8
- ORCID –N: 0000-0001-7950-3927

### **D) Academic Administrative Experiences:**

- Vice dean for education and students' affairs, Faculty of Pharmacy ,Sinai University , Kantara Branch. **Oct. 2020- Until now**
- Head of Microbiology and Immunology Department , Faculty of Pharmacy, Sinai University, Kantara Branch. **Sept. 2019 – Sept. 2020**
- Head of Pharmacy Practice Department , Faculty of Pharmacy, Suez Canal University. **Aug. 2017 – Aug. 2019**
- Manager of IT Unit , Faculty of Pharmacy, Suez Canal University. **Oct. 2016- Aug. 2019**

### **E) Scientific Activities**

#### **1: Membership of Professional Organizations and Scientific Societies**

- Member of the Egyptian Syndicate.
- Member of Ismailia Pharmacy Syndicate.
- The Japanese Society for Virology.
- The Egyptian Society for Medical Microbiology.
- Egyptian Society of Natural Toxins.

## 2: Training Courses/workshops:

- 19 March 2023** Training course for **Programme Evaluation** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 14 March 2023** Training course for **Standard Setting** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 12 March 2023** Training course for **Blueprinting** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 7 March 2023** Training course for **Written Assessment** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 5 March 2023** Training course for **Basic Principles in Assessment** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 21 Feb. 2023** Training course for **Academic Advisor** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 20 Feb. 2023** Training course for **Research Plan** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 7-8 Jan. 2023** Training course for **E-Learning Management Systems** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).
- 25-26 Dec. 2022** Training course for **Effective Manager in Higher Education Institutions** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 18-19 Dec. 2022** Training course for **Competency -Based Program Design** which held under the supervision of the Quality Assurance Center , Sinai University, Kantara Branch.
- 9-10 Nov. 2022** Training course for **Academic Advising and Student Guidance** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).

**27-29 Oct.2022**

Training course for **Question Banks and Electronic Tests** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).

**21-22 Sep. 2022**

Training course for **Responsible Behavior in Scientific Research** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).

**27 Oct. 2021**

Workshop on **First Step in Systemic Review** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**4 March 2021**

Workshop on **R& D Activities: Orientation to Department Role in Pharmaceutical Manufacturing** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**20 Feb. 2021**

Workshop on **The Various Activities and Research Opportunities available at the Pharmaceutical and Fermentation Industries Development Center** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**20 Feb. 2021**

Workshop on **How to Apply for Technical and Economic Cooperation Programme** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**4 Feb. 2021**

Trainer in workshop of **Covid 19: Causes, Symptoms, prevention , and Treatment** which held on the side-lines of the conference of the 8<sup>th</sup> young research conference under the patronage of postgraduates and research sector of Suez Canal University.

**12 Jan. 2021**

Workshop on **How to Use K-Moodle** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**30 Oct. 2020**

Workshop on **Course Description** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

**6 Oct. 2020**

Workshop on **Journey to Epidemiology World** which held under the supervision of training committee, Faculty of Pharmacy, Sinai University, Kantara Branch.

- 17-18 March 2019** Trainer in workshop of **Viral Hepatitis: Disease & Prevention** which held under the patronage of environmental sector of Suez Canal University.
- 17-18 Feb. 2019** Trainer in workshop of **Antibiotics and Bacterial Resistance** which held under the patronage of environmental sector of Suez Canal University.
- 13-14 Feb. 2019** Training course for **Scientific Writing for Research** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).
- 16 Oct. 2017** Workshop on **Research Ethics and Methodology** which held under the supervision of Environmental affairs and community development center, Faculty of Pharmacy, Suez Canal University.
- 9 Aug. 2017** Workshop on **Administrative Competencies for Leaders** which held under the supervision of Environmental affairs and community development center, Faculty of Pharmacy, Suez Canal University.
- 14-15 March 2017** Trainer in workshop on **Personal Hygiene and Infection Control** which held under the patronage of environmental sector of Suez Canal University.
- 6-7 Sep. 2016** Workshop on **Academic Advising** which held under the supervision of Academic Support Center for Students, Suez Canal University.
- 26-27 April 2016** Trainer in workshop on **Antibiotics and their uses** which held under the patronage of environmental sector of Suez Canal University.
- 27-28 Jan. 2016** Training course for **Ethics of Scientific Research** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).
- 20-21 Jan. 2016** Training course for **Strategic Planning** which held under the supervision of the Suez Canal University Education Development Center as a part of Faculty and Leadership Development Project (FLDP).
- 19-23 July 2014** **The 39<sup>th</sup> annual International Herpesvirus Workshop (IHW 2014).**

- 22-23 Jan. 2013** Workshop on **The Quality and Safety of The Food**, Agriculture Research Center & Animal Health Research Institute.
- 6 March 2012** Workshop on **The Art of Decision Making**, The Canadian Training Center of Human Development.
- 5 Jan. 2011** Held Workshop in **Matrix of Course outputs and Student Evaluation Methods**, Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University.
- 5 Dec. 2010** Workshop in **Intellectual Property Rights**, Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University.
- 19 Jul. 2007** Workshop in **Program Specifications & Program Report**, Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University.
- 15-18 Jul. 2007** Intensive workshop on **Molecular Diagnosis of Diseases**, Institute of Graduate Studies and Research, Alexandria University, Egypt.
- 22 Apr. 2007** Workshop in **National Academic References Standards (NARS)**, Training and Conferences center, Faculty of Medicine, Ain Shams University.
- 11 March 2007** Workshop in **Concepts of Quality Assurance and Accreditation**, Quality Assurance Unit, Faculty of Pharmacy, Suez Canal University.
- 3 Dec. 2006** Workshop in **Importance of Quality Assurance in Egyptian Universities and How to write Faculty self-study** , Quality Assurance Unit, Faculty of Pharmacy, Suez
- 5- 7 Dec. 2005** Workshop on **Genetic Diagnosis of Certain Disease by Real-Time PCR**. Molecular Engineering Center, Al-Azhar University, Cairo, Egypt.
- 7-8 May 2005** Workshop on **Legionella and Water Analysis**. Microbiology & Immunology Department, Faculty of Pharmacy, Suez Canal University.
- 5-6 Sep. 2004** Workshop in **Establishment of Internal Quality Assurance Unit**, Faculty of Agriculture, Cairo University.

### 3: Conferences, Seminars and Workshops:

- 20-21 March 2022** The First International Conference on Pharmaceutical and Bio-Medical Research (PBMR), Faculty of Pharmacy, Sinai University, Kantara Branch. **[Organization Committee]**
- 8-9 Dec. 2019** The second International Conference of Faculty of Pharmacy, Suez Canal University (Pharmaceuticals used in internal medicine). **[Organization Committee]**
- 21-22 Feb. 2019** The 5<sup>th</sup> annual conference of health insurance organization, Ismailia branch, Egypt.
- 20 Nov. 2018** The First SCU Conference on Clinical Pharmacy between Reality and Expectation. **[Organization Committee]**
- 18-20 July 2018** The 5<sup>th</sup> annual cardiology conference of Suez Canal Authority.
- 19 April 2018** The 7<sup>th</sup> Conference of Diabetes and Ramadan in Arab Countries.
- 2 April 2018** The 4<sup>th</sup> Student Conference of Faculty of Pharmacy, Suez Canal University. **[Organization Committee]**
- 25 Nov. 2017** The First SCU Conference on Clinical Pharmacy between Reality and Expectation. **[Organization Committee]**
- 18 May 2017** The 6<sup>th</sup> Conference of Diabetes and Ramadan in Arab Countries.
- 19-21 April 2017** The 4<sup>th</sup> annual cardiology conference of Suez Canal Authority.
- 1-2 April 2017** The 1<sup>st</sup> International Conference of Pharmaceutical and Medical Sciences. **[Organization Committee]**
- 22 March 2017** The 3<sup>rd</sup> Student Conference of Faculty of Pharmacy, Suez Canal University. **[Organization Committee]**
- 23-24 Feb. 2017** The 3<sup>rd</sup> annual scientific conference of health insurance organization, Ismailia branch, Egypt.
- 22-24 Nov.2015** The 63<sup>rd</sup> annual meeting of the Japanese society for virology.
- 18 May 2013** The 19<sup>th</sup> International Conference of The Egyptian Society for Medical Microbiology.
- 6-7 Mar. 2013** The 1<sup>st</sup> Young Researchers Conference at Suez Canal University.
- 17-19 Dec. 2012** The 5<sup>th</sup> International Conference on Natural Toxins, Egyptian Society of Natural Toxins.
- 14-16 Nov. 2012** The 4<sup>th</sup> International Conference of Virology in Sharm El-Sheikh, Egyptian Society of Virology.

- 28 Apr. 2012** The 18<sup>th</sup> International Conference of The Egyptian Society for Medical Microbiology.
- 27-28 Oct.2011** The 4<sup>th</sup> Annual conference of Ismailia General Hospital that hold under the title of [Primer on Acute and Chronic Kidney Disease].

**4: Teaching Scopes:**

- General Microbiology and Immunology
- Microbial Genetics.
- Pharmaceutical Microbiology
- Medical Microbiology
- Parasitology
- Pathology
- Biotechnology
- Public Health
- Infection Control
- Antimicrobial Agents and Bacterial Resistance.

**5: Scientific supervision number:**

- **Completed: 8 Master and 2 PhD**
- **Continued: 2 Master and 2 PhD**

**6: Peer reviewing of scientific research/ Projects:**

**Peer reviewing of scientific research:**

- Reviewer for Young Research Conference , Suez Canal University (4<sup>th</sup> & 6<sup>th</sup>).
- Reviewer for Journal of Bacteriology Research.



### Projects:

- **Jan. 2009 - Jan. 2012** Active member of the Egyptian Spanish Research Project between the Faculty of Pharmacy, Suez Canal University in Egypt and the Faculty of Pharmacy, University of Barcelona. The project is concerned in using the Bacteriophage technology in treating wastewater resources.
- **Jul.2005 – Feb.2006** Participation in the project of [Education Enhancement of Pharmacy Courses (D-112-Q0)], which was funded by Higher Education Enhancement Project Fund (HEEPF), as a member of management team.
- **Jul. 2004 – Oct. 2007** Participation in the project of [Establishment of Internal Quality Assurance System in The Faculty of Pharmacy, Suez Canal University (SUE/3/05)], which was funded by Higher Education Enhancement Project Fund (QAAP), as a member of implementation team.

### **7: Scientific Mission:**

- **Oct. 2004** Participation in the study visit to the School of Pharmacy & Chemistry at Liverpool John Moores University, Liverpool, United Kingdom as a part of a three-year EU-TEMPUS funded Project (JEP-30065). (Study Visit)
- **Jan. 2014 – Jan. 2016** A member of scientific mission to Division of Clinical Virology, Center for Infectious Diseases, Kobe University Graduate School of Medicine, Kobe, Japan.

## F) Scientific Publications:

### -International Journals:

- 2022** S. Shabayek, A.M. Abdellah, M. Salah, M. Ramadan, and **N. Fahmy**. Alterations of the Vaginal Microbiome in Healthy Pregnant Women Positive for Group B *Streptococcus* Colonization During the Third Trimester. *BMC Microbiology*,22(1):1-15.
- 2021** E. Elsaeed, **N.Fahmy**, A. Hanora, and S. Enany. Bacterial Taxa Migrating from the Mediterranean Sea into the Red Sea Revealed a Higher Prevalence of Anti-Lessepsian Migrations. *OMICS A Journal of Integrative Biology*, 25 (1):60-71.
- 2020** E. Elsaeed, S. Enany, A. Hanora, **N. Fahmy**. Comparative Metagenomic Screening of Aromatic Hydrocarbon Degradation and Secondary Metabolite-Producing Genes in the Red Sea, the Suez Canal, and the Mediterranean Sea. *OMICS: A Journal of Integrative Biology*, 24(9):541-550.
- 2019** N. Ahmed, **N. F. Mahmoud**, S. Solyman , Amro Hanora. Human nasal microbiome as characterized by metagenomics differs markedly between rural and industrial communities in Egypt. *OMICS: A Journal of Integrative Biology*, 23 (11): 573-582.
- 2018** A. Wakata, S. Kanemoto, H. Tang, A. Kawabata, M. Nishimura, C. Jasirwan, **N. F. Mahmoud**, Y. Mori. The Neutralizing Linear Epitope of Human Herpesvirus 6A Glycoprotein B Does Not Affect Virus Infectivity. *JVI.*, 92(5):JVI.02074-17.
- 2017** R. Yahia, A. Hanora, **N. Fahmy**, K. A. Aly. Quorum sensing signal production by sponge associated bacteria isolated from the Red Sea, Egypt. *Afr. J. Biotechnol.*, 16(32), 1688- 1698.
- 2016** M.M. Bendary, S.M. Solyman, M.M. Azab, **N.F. Mahmoud**, A.M. Hanora. Genetic diversity of multidrug resistant *Staphylococcus aureus* isolated from clinical and non-clinical samples in Egypt. *Cell Mol Biol (Noisy-le-grand)*. , 62(10):55-61.
- 2016** B. Wang, M. Nishimura, H. Tang, A. Kawabata, **N. F. Mahmoud**, Z. Khanlari, D. Hamada, H. Tsuruta, Y. Mori. Crystal Structure of Human Herpesvirus 6B Tegument Protein U14. *PLoS Pathog.* ,12 (5), e1005594.

- 2016** **N. F. Mahmoud**, C. Jasirwan, S. Kanemoto , A. Wakata, B. Wang, Y. Hata, S. Nagamata, A. Kawabata, H. Tang, and Y. Mori. Cytoplasmic tail domain of glycoprotein B is essential for HHV-6 infection. *Virology*, 490:1-5.
- 2016** **N. F. Mahmoud**, A. Kawabata, H. Tang, A. Wakata, B. Wang, S. Serada, T. Naka, and Y. Mori. Human herpesvirus 6 U11 protein is critical for virus infection. *Virology*, 489:151–157.
- 2016** M.M. Bendary, S.M. Solyman, M.M. Azab, **N.F. Mahmoud**, A.M. Hanora. Characterization of Methicillin Resistant *Staphylococcus aureus* isolated from human and animal samples in Egypt. *Cell Mol Biol (Noisy-le-grand)*, 62 (2), 94-100.
- 2015** N.M. Elkayal, **N. F. Mahmoud**, and S. Abdalla. Detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in Egyptian Women Suffering from Infertility. *Advances in Microbiology*, 5 (12):769-779.
- 2015** S. H. Mohamed, **N. F. Mahmoud**, A. F. Mohamed, and N.S. Kotb. Post HCV Infection Due to MX Gene Stimulation Produced Post Treatment with Imported and Locally Produced Egyptian Biosimilar IFN. *Asian Pac J Cancer Prev.*, 16(14):5635-5641.
- 2015** H. Tang, **N.F. Mahmoud**, and Y. Mori. Maturation of Human Herpesvirus 6A Glycoprotein O Requires Co-expression of Glycoprotein H and Glycoprotein L. *J Virol.*, 89(9):5159-5163.
- 2014** H. Tang, J. Wang, **N.F. Mahmoud**, and Y. Mori. Detailed Study of the Interaction between Human Herpesvirus 6B Glycoprotein Complex and Its Cellular Receptor, Human CD134. *J Virol.*, 88(18):10875-10882.
- 2014** R. Farhan, S. Abdalla, H.A. Abdelrahman, **N. Fahmy**, and E. Salama. Prevalence of *Escherichia coli* in Some Selected Foods and Children Stools with Special Reference to Molecular Characterization of Enterohemorrhagic Strain. *American Journal of Animal and Veterinary Sciences*, 9 (4): 245-251.

### - National journals

- 2021** MS Abdelkader, AM Hanora, SM Enany, **NF Mahmoud**. *Helicobacter pylori* infection in Egypt: A review on the epidemiology, mode of transmission, diagnosis, and management of the infection. *Rec. Pharm. Biomed. Sci.*, 5 (2), 80-88.
- 2017** H.Y. Hassan, S. Zakeer, and **N.F. Mahmoud**. Evaluation of Antimicrobial Efficacy of Four Tested Solutions Against *Enterococcus Faecalis*, An In vitro Study. *Med. J. Cairo Univ.*, 85(8):3107-3112.
- 2016** R. Yahia, **N.F. Mahmoud**, K. A. Aly, A. Hanora. Bioreporter Based Screening for Quorum Sensing Signaling Molecules Created by Sponge-Associated Bacteria Isolated from The Red Sea, Egypt. *N. Egypt. J. Microbiol.*, 45:75-87.
- 2016** AFA Mostafa, MA Kataia, HY Hassan, **NF Mahmoud**. Evaluation of Cytotoxic Effects and Smear Layer Removing Capacity of Different Irrigating Solutions. *N. Egypt. J. Microbiol.*, 35: 13-22.
- 2013** H. R. Hashem, **N. F. Mahmoud**, A. M. Shawky and S.M. Abdalla. Emergence of Extended Spectrum B-Lactamases in Clinical Isolates of *Pseudomonas aeruginosa* in Ismailia Governorate, Egypt. *N. Egypt. J. Microbiol.* 35:13-22.
- 2012** M. M. Azab, **N. F. Mahmoud**, S. Abdalla, A. M.S. Hosny, A. S. Shehata and R. W. Mohamed. Dermatophytes Isolated from Clinical Samples of Children Suffering from *Tinea capitis* in Ismailia, Egypt. *J. Appl. Sci. Res.*, 6(3):38-42.
- 2012** M. M. Azab, **N. F. Mahmoud**, S. Abdalla, A. M.S. Hosny, A. S. Shehata and R. W. Mohamed. Prevalence of *Trichophyton violaceum* Isolated from Clinical Samples in Ismailia, Egypt. *J. Appl. Sci. Res.*, 8(1):538-542.
- 2011** S. Zakeer, **N.F. Mahmoud**, A. M.S. Hosny, and S.M. Abdalla. Emergence of Extended Spectrum beta Lactamases in Clinical Isolated of *Proteus mirabilis* in Ismailia, Egypt. *N. Egypt. J. Microbiol.*, 30: 53-62.

- 2010** **N.F. Mahmoud**, S.M. Abdalla, and A.S. Abd El-Hamid. Isolated Antibody to Hepatitis B Core Antigen in Egyptian Patients with Chronic Hepatitis C Virus Infection. *Suez Canal Univ Med J.*, 12(1):7-10.
- 2010** **N.F. Mahmoud**, S.M. Abdalla, and A.S. Abd El-Hamid. The effect of Anti-HBc Detection in Egyptian Donors Negative for HBsAg in Reducing the Risk of Transmission Associated HBV infection. *Suez Canal Univ Med J.*, 12(1):11-14.
- 2006** **N.F. Mahmoud**, S.M. Abdalla and A. Zeitoun. Prevalence of Rotavirus Infection in Children Under Five Years in Ismailia, Egypt. *N. Egypt. J. Microbiol.*, 14: 381-389.

### **G) Quality Assurance in Higher Education:**

- **Reviewer/Auditor**
- **QA Trainer**
- **QA Managing Positions**
  - A Member of the board of the Quality Assurance Unit, Faculty of Pharmacy, Sinai University , Kantra Branch. **Oct. 2020- till now**
  - A Member of the board of the Quality Assurance Unit , Faculty of Pharmacy, Suez Canal University. **Feb. 2016- Aug. 2019**
- **Training Attended**

### **H) Skills**

- Language Skills:
  - Arabic (native language)
  - English (fluent)
- Computer Skills: Excellent in driving the Microsoft Office (Word, Excel, Teams, and PowerPoint)
- Presentation skills: Excellent
- Other skills: Leadership & coordination