CURRICULUM VITAE

NAME : **MOHAMED ABBAS EL-BARRAWY**



SEX : Male.
D.O.B. : April 24, 1955.
MARITAL ST.: Married, have 2 children.

ADDRESS
Work : Alexandria University, High Institute of Public Health (HIPH).
Microbiology & Immunology Department.
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DEGREES:

1. *MBChB.*: November 1978. Faculty of Medicine, Alexandria University.
2. *Education Commission for Foreign Medical Graduates (ECFMG)*: January 1980 (No:315-973-8). American University (Cairo).
3. *M.P.H. (Microbiology & Immunology)*: October 1983, Alexandria University.
4. *M.Sc. (Chest diseases)*: June 1984, Alexandria University.
5. *Dr.P.H.(M.D) (Microbiology & Immunology*): December 1986, Alexandria University.
6. *Fellow of Texas University*: April 1989. Houston, Texas, U.S.A.

LANGUAGES:

- Arabic: Native.
- English: Fluent.
- French: Moderate.

EMPLOYMENT:

- *Intern*: March 1979-February 1980. Alexandria University and Ministry of Health Hospitals.
- *Resident*: March 1980-July 1981. Alexandria General Military Hospital.
- *Demonstrator*: Department of Microbiology & Immunology, High Institute of Public Health (HIPH). Alexandria University, July 1981-September 1983.

- *Assistant Lecturer* of Microbiology & Immunology: October 1983-January 1987. HIPH, Alexandria University.
- *Lecturer* (*Assistant Professor*) of Microbiology & Immunology: February 1987-February 1992. HIPH, Alexandria University.
- *Associate Professor*: February 1992-April 1997. HIPH, Alex University.
- *Professor* of Microbiology & Immunology: April 1997-Present time. HIPH, Alexandria University.
- *Vice Dean* of HIPH, Alex. University: October 17th, 2006, till October 17th, 2012.
- *Director of training unit* of HIPH, Alex. University: 2009, till October 2014.
- *Director of Integrated Health Clinic,* HIPH, Alex. University: 2010, till October 2014.

SCIENTIFIC ACTIVITIES:

-Teaching and supervising postgraduate Physicians, Pharmacists, Chemists, and Veterinarians enrolled at HIPH, Alexandria University (Diploma, Master and Doctorate).
-Teaching Microbiology/Immunology for undergraduates medical &T.I. students.
-Teaching Infection Control for undergraduate nurses.
-Teaching Immunology for critical care postgraduate nurses.
-Teaching microbial occupational hazards for faculty of medicine undergraduate students.
-Sharing in and /or supervising research activities carried through the department.
-Consultant of Microbiology & Immunology investigations carried in Alexandria University Hospitals.
-Consultant of Infection Control, Health Insurance Hospitals (for West Delta Region).

Experiences:

-Various investigations of: Microbiology (Bacteriology, Virology and Mycology), Immunology, Clinical Pathology, Histocompatibility, and field surveys (Public health microbiology).
-Teaching, research initiating & supervising activities.
-Quality control & assurance for laboratories.

ABROAD ACTIVITIES:

Post-doctoral fellow of M.D. Anderson Cancer & Tumor Institute, Texas University (Houston, USA): October 1988-April 1989. Research activities: Tissue Typing (Class I & II), Mixed lymphocytic culturing (for bone marrow and organ transplantations), DNA probing and hybridization, Blood banking standards and investigations, AIDS confirmations, etc.....

AFFILIATION TO NATIONAL & INTERNATIONAL ACTIVITIES/PROJECTS:

- Participated in EPI evaluation in Middle East-Egypt, held by the UNICEF (1990).
- Participated (co-principal investigator) in: RTI evaluation in Upper Egypt; held by the UNICEF (1996-1997).
- Participated (principal investigator) in: "Upgrading knowledge and skills of laboratory staff on RTIs examinations": Minia, Assiut, Sohag governorates, sponsored by UNICEF; 1999-2000.
- Principle Coordinator of the first workshop held in Micr. & Imm. Dpt. High Institute of Public Health: "Diagnostic Microbiology" (January 28-February 3, 2000).
- Co-principal investigator in: "Workshop for development of training modules for Laboratory Technician Assistants of primary health care units". Sponsored by the "European support to population program in Upper Egypt" (Qena city. July 2001).
- Co-principal Investigator in: "Workshop for training of trainers of Lab. Technicians". Sponsored by the "European support to population program in Upper Egypt" (Qena & Sohag cities. October 2001).
- Co-Principal Investigator in: " EPI coverage evaluation in Egypt, held by the: HIPH & WHO (March 2013).

- Principal Investigator in: Polio-vaccination monitoring in Egypt, held by the: HIPH & WHO (April 2014).
- Principal Investigator in: Polio-vaccination monitoring in Egypt, held by the: HIPH & WHO (October2014).
- Principal Investigator in: Polio-vaccination monitoring in Egypt, held by the: HIPH & WHO (April 2015).
- Principal Investigator in: Polio-vaccination monitoring in Egypt, held by the: HIPH & WHO (February 2016).
- Principal Investigator in: Harm Reduction to Population at Risk in Upper Egypt -Luxor, held by the: Support for Development Foundation, UNODC, and USAID (June 2014-March 2016).
- Project Consultant: Post assessment of novel Oral Polio Vaccine type-2 (nOPV2) campaign in Egypt, using Lot Quality Assurance Sampling (LQAs), held by WHO & Mansoura University (December 2021).

CONFERENCE PARTICIPATION (Paper or lecture presentation):

- Annual scientific congress of the Faculty of Medicine, Alex. University, 1979.
- 8th, 9th, 10th, and 12th International Dental congress, Alex. Egypt; (1992, 1994, 1996, and 2000 respectively).
- The 8th Medical Research Institute Conference and the 14th Egyptian-Italian Workshop; October 1996.
- International Conference on Health, Environment and Development. Alexandria, Egypt; October 1996.
- American Academy of Oral and Maxillofacial Pathology, 52nd Annual Meeting & continuing education program; Dallas, Texas, USA. May 2-6, 1998.
- Assisted reproduction. Dreams come true. 3rd International Annual Congress; Alexandria, Egypt. 12-13 November 1998.
- American Academy of Oral and Maxillofacial Pathology, 54th Annual Meeting & continuing education program; Williamsburg, VA, USA. April 29-May 3, 2000.
- 12th conference: National Academy of Science & Technology. Cairo. May 2002.
- The 7th Allergy Day: Faculty of Medicine, Alexandria University. 16th June 2005.
- Recent advances in diagnosis and treatment. Egyptian Medical Syndicate. Alexandria, Egypt. December 6-8, 2006.
- 18th WONCA world conference. Singapore. 24-27 July 2007.
- The 2nd Eastern Mediterranean Regional Infection Control congress (EMRIC) & The 16th Annual conference of the Egyptian Society of Infection Control (ESIC). "Networking for Better Achievement". Alexandria, Egypt. November 9-12, 2007.
- The 3rd Eastern Mediterranean Regional Infection Control (EMRIC) & 18th (ESIC) Congress. Port Saied, Egypt, 6-9 /11/2009.
- 8th ASM Biodefense and Emerging Diseases Research Meeting. Baltimore, USA. February 21-24, 2010.
- 5th Annual Congress: Recent Advances in Laboratory Medicine. Egyptian Medical Syndicate. Alexandria, Egypt. May 5-7, 2010.
- The 66th Annual Meeting of American Academy of Oral Medicine. Controversies in Oral Medicine. Charleston, South Carolina. USA. April 17- 21, 2012.
- Retargeting Universal Access to antiretroviral treatment in the Middle East and North Africa" (structured by: UNAIDS Regional Office in Cairo). April 24 – 25, 2014 in Casablanca, Morocco.
- The American Academy of Oral Medicine's 2016 Annual conference. Oral Medicine and the Future of Healthcare. Atlanta Georgia. USA. April 4-9, 2016.
- Conference on Liver Disease in Africa – COLDA. Cairo, Egypt. September 6-8, 2019.

CONFERENCE PARTICIPATION (as: Scientific committee, Organizer &/or Chairperson):

- The 2nd Eastern Mediterranean Regional Infection Control Congress (EMRIC) & 16th Egyptian Society of Infection Control (ESIC) Congress. Egypt, 2007" Networking for Better Achievement".
- Violence Against Women. Alexandria (Suzanne Mubarak) Regional Center for Women's Health and Development. Alexandria, 24-26 October 2007.

- Women's Health & Environmental Problems. Alexandria (Suzanne Mubarak) Regional Center for Women's Health and Development. Alexandria, 2nd &3rd of April 2008.
- 3rd Annual Congress: Recent Advances in Laboratory Medicine. 21-23 May 2008. Egyptian Medical Syndicate. Alex. Egypt.
- 3rd International Conference on Health, Environment and Development & 1st International Conference on Integrated Environmental Hospital Management. 12-13 November 2008. Alexandria, Egypt.
- Recent Advances in Diagnosis & Treatment. 19-21 November 2008. Egyptian Medical Syndicate. Alexandria, Egypt.
- 3rd Annual Scientific conference of the Navel & Hyperbaric Medical Institute. 26-27 November, 2008. Alexandria, Egypt.
- 4th Alexandria University Environment Forum: Environmental disasters & crises; Challenges & confrontation. 22-23/4/2009.
- 4th Annual Congress: Recent Advances in Laboratory Medicine. 6-8 May 2009. Egyptian Medical Syndicate. Alexandria, Egypt.
- Integrated Environmental Hospital Waste Management Day. August 20th, 2009. HIPH, Alexandria, EGYPT.
- The 3rd (EMRIC) & 18th (ESIC) Congress. Port Saied, Egypt, 6-9 November 2009.
- Recent Advances in Diagnosis & Treatment: Emergency Medicine. 11-13 November 2009. Egyptian Medical Syndicate. Alexandria, Egypt.
- The 4th International conference of HIPH, Alex Health 2009: "Patient Safety". 27-29/10/2009. Alexandria, Egypt.
- Fundamentals of surveillance in infection control. Egyptian Medical Syndicate & ESIC. Alexandria, Egypt. 3-4 March 2010.
- The 19th Annual Conference of the Egyptian Society for Infection Control & 1st conference of the Egyptian Patient Safety Association. 29th October-1st November 2010. Azur Hotel, Alexandria, Egypt.
- The 3rd International Conference of HIPH: Integrated Healthy Hospital & Health care Facilities Environment. The Pathway for Accreditation. 19-20 Jan 2011-Hilton Green Plaza-Alexandria, Egypt.
- The 20th Annual Conference of the Egyptian Society for Infection Control (ESIC) & 4th Conference of the Eastern Mediterranean Regional Network for Infection Control (EMRNIC). 17th -20th October 2011. Azur Hotel, Alexandria, Egypt.
- The 1st National conference: Towards Green World. Climatic changes---Impact on environment & public health. HIPH Alexandria University. 26th July Hotel, Alexandria. July 7-8th, 2012.
- The annual international conference: Challenges facing health. HIPH Alexandria University. Bibliotheca Alexandria. November 7-8, 2012.
- Regional consultation meeting on retargeting universal access to antiretroviral treatment in the Middle East and North Africa. (UNAIDS: www.unaidsmena.org). Casablanca, 24-25 April 2014.
- The international conference "Alex Health 2014": Health from theory to practice. HIPH Alexandria University. Bibliotheca Alexandria. October 22-23, 2014.
- The 22nd Annual Conference of the Egyptian Society for Infection Control (ESIC) (APIC/Egypt Chapter) & The 5th Conference of the Eastern Mediterranean Regional Network for Infection Control (EMRNIC). "Infection Preventionists: Ready for Disasters". Porto Marina Resort, North Coast, Egypt. October 25-28, 2014.
- The 23rd Annual Conference of the Egyptian Society for Infection Control (ESIC). The 3rd Conference of the Egyptian Patent Safety Association (EPSA). "Antimicrobial Stewardship: From Theory to Practice". Rixos Alamein, Egypt. October 24-27, 2015.
- The 25th International Conference of the Egyptian Society for Infection Control (ESIC) (APIC/ Egypt Chapter). "Educate, Support, Implement, and Commit". TOLIP Alexandria Hotel, Egypt. October 27-30, 2017.
- The 26th Annual Conference of the Egyptian Society for Infection Control (ESIC) (APIC/Egypt Chapter) & The 7th Conference of the Eastern Mediterranean Regional Network for Infection Control (EMRNIC). "Let's partner to prevent infection". Helnan Palestine Hotel, Alexandria, Egypt. October 17-19, 2018.

- The 9th International conference of HIPH, Alex Health 2019: "Health in All Strategies". Hilton Green Plaza Hotel, Alexandria, Egypt. 23rd-24th March 2019.
- The 6th International Scientific Conference of Faculty of Nursing, Mansoura University. "Evidence- Based Practice: Where Are We?". Alexandria Egypt. 10th – 11th December 2019.

ORGANIZING AND EXECUTING COMMUNITY SERVICES & RAISING PUBLIC AWARENESS (Free Talks/Seminars/ Lectures/ Convoys):

- Avian Influenza crisis: several campaigns were arranged and carried on, with the aim of raising awareness to our communities e.g.:
    a) Medical syndicate, December 2005.
    b) Egyptian Society for Industry & Environment-Alexandria, 10/2/2007.
- Arranging and sharing in SIWA Oasis convoy. Carried by HIPH. 3/2009.
- Arranging for in SIWA Oasis convoy. Carried by HIPH. 3/2010.
- Arranging and sharing in ABIES 10 convoy. Carried by HIPH. 4-5/8/2010.
- Arranging and sharing in ELSHAMEDAN village convoy. Carried by faculty of Pharmacy. 12/11/2010.
- Arranging and sharing in MA'WA ELSAYADEEN village convoy. Carried by faculty of Pharmacy. 20/12/2010.
- Organizing committee for seminar: "Integrated medical waste management". Held in faculty of medicine, Alexandria University. November 6th, 2010.
- Organizing committee for the national campaign: "The baby friendly hospital initiative. State of the art investment". Held in HIPH, Alexandria University. December 27th, 2010.
- Arranging and sharing in Alexandria University campaign: "Loose milk conversion". Held in HIPH. December 15th, 2011.
- Arranging and sharing in EL-ABRAR village convoy. Carried by HIPH. 7/3//2012.
- Organizing committee and sharing in: Protecting healthcare workers from Blood-borne Pathogens: Demonstration of the training of trainers WHO-NIOSH tool kit and other resources. June 21 2012. High Institute of Public Health, Alexandria, Egypt.
- Arranging for "Memorandum of Understanding" between HIPH, Alexandria environment service organization, Alexandria environment service institute, and Alexandra Rotary Club (Mariot). 8/10//2012
- Arranging and sharing in ADAM village convoy. Carried by HIPH (in conjunction with: "Solar energy usage & environment protection Organization", and, in presence of Japan Ambassador). 11/10//2012.
- Arranging and sharing in the Workshop carried in HIPH by Ministry of Health and Support for Development Foundation, titled: "New in medical transactions with AIDS patients". 27/5/2013.
  Arrange and sharing in the Workshop carried in HIPH by Universities (Alexandria and Mansoura), Ministry of Health, NAPS, UNAIDS, Private healthcare sector, Association of Faculties of Nursing Graduates, NGOs, and Support for Development Foundation, titled: "Adopting a new strategy in viral disease treatment. 18/1/2014.
- Arranging and submitting a talk on "Swine Flu" in El-Quabbary youth center. Carried by HIPH. 11/3//2014.
- Sharing world AIDS day 2016: a) by NAP in Alexandria bibliotheca, December 1st. b) by HIPH seminar, December 6th.
- Arranging and submitting a talk on "COVID-19" in Dental Syndicate. 11/2//2020.
- Sharing and submitting a talk on "COVID-19" Carried by HIPH & WHO, in the HIPH, "Situation Analysis of Corona Virus: Infection Control". 9/3//2020.
- Participated in the National HIV self-testing consultation workshop (Conducted by the National AIDS Program in collaboration with UNAIDS and with the technical support of WHO) on October 20th, 2021, in Marriot Zamalek. Cairo.

PARTICIPATION IN LABORATORIES DEVELOPING & TEACHING PROCESS OF HIPH:

- Histocompatibility lab in 1985.
- Fluorescent microscopic lab in 1999.
- PCR lab in 2007.
- Integrated lab in 2009.
- Integrated health clinic and attaching it to the Training Unit of the HIPH, after permission of Minister of health, Minister of Higher Education, and Alexandria University president, in 2010.
- Solely initiated and introduced a novel program for the HIPH, as well as the Alexandria University. This is: "Master of Infection Control and Health Care Environment". This was started from designing the title, courses, coarse specs and ending by constructing its structural and financial policies. It was initiated in middle of 2012, followed up meticulously till its final approval, by the Supreme Council of Universities, in April 2015, and the Minister of higher education in mid-2015.
- Actively participated in HIPH accreditation, 2016.

CERTIFICATES OF ACHIEVEMENT:

-Conferred following certificates from Faculty & Leadership Development Project (FLDP), Alexandria University:

- Group Dynamics (L5), September 10-13, 2005.
- Decision Making & Problem Solving (L3), September 17-20, 2005.
- Legal Affairs (L4), September 24-26, 2005.
- Financial Affairs (L5), October 15-17, 2005.
- Code of Ethics (P4), October 22-24, 2005.

-Completed the “ICDL” courses, provided by HIPH, 2006.

INTERNATIONAL & NATIONAL ASSOCIATION/SOCIETY MEMBERSHIP:

- The University of Texas MD Anderson Cancer Center Associate.
- The American Society for Histocompatibility and Immunogenetics (ASHI).
- The Egyptian Association of Public Health.
- The Egyptian Association of Laboratory Medicine.
- Egyptian Association of Immunologists.
- Egyptian Medical Syndicate.
- Egyptian Society of Infection Control (ESIC).
- Infection Control African Network (ICAN).
- Arab Society for Public Health and Environmental Protection (Board member).
- HIPH committee for research ethics.
- N.G.O.: “Nabtat Khair”. (Board member).
- “Support for Development” Foundation. (Founder).

QUALITY ACCREDITATION:

- EXTERNAL EVALUATOR: Program Specification for PhD Degree in Immunology and allergy. Code: 1708800. Alexandria University, Medical Research Institute. September 4, 2016.

SUPREME NATIONAL COMMITTEES MEMBERSHIP:

- EGYPTIAN UNIVERSITIES PROMOTION COMMITTEE, for Microbiology & Immunology, nominated by the Supreme Council of Universities (promoting assistant and associate professors all over Egypt). **10th** round: 2008-2013.

- EGYPTIAN UNIVERSITIES PROMOTION COMMITTEE, for Microbiology & Immunology, nominated by the Supreme Council of Universities (promoting assistant and associate professors all over Egypt). **11th** round: 2013-September 2016. (Also, elected as the secretary of this committee).

AWARDS:

- Granted the "Alexandria University Prize for scientific research **"**for the Year 1996.
- Granted by Alexandria University, 6 prizes for 6 researches published in distinguished scientific journals.
- Granted the "Estimated University Award" -Alexandria University. December 2012. (Venue: Alexandria Bibliotheca Hall).
- Granted the "University Armor Plate" of The Distinguished Administration for the post of Vice Dean for Community Service Affairs & Environment Development, High Institute of Public Health, Alexandria University. March 2013. (Venue: Alexandria Bibliotheca Hall).
- Granted the "University Appreciation Award & Medallion" -Alexandria University. December 2017. (Venue: Naval Forces, Ras-Eltin).

JOURNAL EDITING:

- *Editor-in-Chief*: 1-Bulletin of High Institute of Public Health, 7/2010-2014.
  2-Electronic Newsletter of HIPH, monthly issued, 3/2010-2014.
- *Editorial board*: 1-Egyptian Journal of Medical Laboratory Sciences.
  2-SciFed Orthopedics & Rheumatology Research Journal, http://scifed.com/journal-of-orthopedics-rheumatology/editorial-board.php
- *Reviewer* : 1-Bulletin of High Institute of Public Health (Bull HIPH), since 1996.
  2-Eastern Mediterranean Health Journal (by WHO), since 1996.
  3-The Egyptian Heart Journal-Elsevier Editorials.
  4- Journal of Medical Research Institute.
  5-Journal of Egyptian Public Health Association.

PUBLICATIONS:

1-Complications of Flexible Fiber Optic Bronchoscopy. (M.Sc. Thesis; 1982. Faculty of Medicine Library, Alexandria University).

2-Evaluation of some methods used for homogenization of diagnostic specimens of patients with pulmonary tuberculosis. (M.P.H. Thesis; 1983. HIPH library, Alexandria University). Published: Bull HIPH 1985; 15(4).

3-HLA Typing in schizophrenic patients and their families. (Dr.P.H. Thesis; 1986. HIPH Library, Alexandria University).

4-*El-Shamy HA, El-Barrawy MA, Mourad MI.* **Beta hemolytic streptococci (BHS): Carrier rate among patients in general practice.** Tanta Medical Journal 1987; 15(1).

5-*El-Shamy HA, El-Barrawy MA, Mourad MI.* **Urinary tract infection among hospitalized patients: Evaluation of rapid methods for its detection.** The Egyptian Journal of Community Medicine 1988; 4(4).

6-*Donia HA, El-Shamy HA, El-Barrawy MA, Tanious AI.* **Isolation of *Yersinia enterocolitica* from stool of children suffering from gastroenteritis and from different types of water in Alexandria.** Bull HIPH 1989; 19(1).

7-*El-Barrawy MA.* **Activated peripheral blood mononuclear cells: A possible substitute to B-lymphocytes in HLA-DR determination.** J Egypt Public Health Assoc 1989; 64(5,6).

8-*Donia HA, El-Shamy HA, Mourad MI, El-Barrawy MA.* **Enzyme linked immunosorbent assay for detection of human Rota virus in the first two years of life.** Bull HIPH 1990; 20(1).

9-*Sherif AA, Mahfouz A, El-Barrawy MA, El-Shamy HA.* **Hepatitis "B" surface antigen among addicts in Alexandria: A seroepidemiological study.** Bull HIPH 1990; 20(1).

10-*Abou-Rayan MA, El-Barrawy MA, Hafez SA.* **Pathogenicity of Mycobacterium Tubercle Bacilli after one year treatment.** The Alexandria Medical Journal 1990; 32(1,2).

11-*El-Barrawy MA, El-Shamy HA, Mourad MI.* **Bactericidal efficiency of some antiseptics and endodontic irrigants.** Journal of Medical Research Institute 1990; 11(2).

12-*Younes SA, El-Barrawi SA, El-Barrawi MA.* **Immunohistochemical demonstration of carcino-embryonic antigen (CEA) and its correlation with normal oral epithelium, odontogenic epithelium, ameloblastomas and keratocysts.** Journal of Dental Research 1990; Vol 69 special issue, Abstract No 750: 202.

13-*Aboelfotouh MA, Mourad MI, Nosseir SA, El-Barrawy MA.* **Screening for urinary tract infection among preschool children.** Alexandria Journal of Pediatrics 1990; 4(3):389-396.

14-*El-Shazly SA, Abu-Donia HA, El-Barrawy MA, El-Enean SA.* **Rota virus excretion in asymptomatic and symptomatic carriers.** Alexandria Journal of Pediatrics 1991; 5(1).

15-*El-Barrawy MA, Mahfouz AA.* **Tuberculin reactivity among paramedical workers at chest clinics in Alexandria and their house-hold contacts.** Alexandria Journal of Pediatrics 1991; 5(1).

16-*El-Barrawy MA.* **Class II HLA typing among fibrocaseous pulmonary tuberculous patients.** Alexandria Journal of Pediatrics 1991; 5(1).

17-*El-Barrawy MA, Hafez SA, Mokhtar SA, Abou-Rayan MA.* **Enzyme linked immunosorbent assay (ELISA) in the diagnosis of active pulmonary tuberculosis.** J Egypt Public Health Assoc 1991; 66(1,2).

18-*El-Barrawy M, Lichtiger B, Fisher H, Daryl O.* **In Vitro response of peripheral blood mononuclear cells to phytohemagglutinin and interlukin 2 .** Human Immunology 1991; 30(3).

19-*Attia NS, El Sayed NM, El-Barrawi MA.* **Exfoliative cytological study in chicken pox.** (8th International Dental Congress, Alex. Egypt; Oct 1992).

20-*Younan EA, El-Barrawi SA, El-Barrawi MA, Raslan HS.* **Profile of epithelial membrane antigen in oncocytic neoplasms of salivary glands.** (8th International Dental Congress, Alex. Egypt; Oct 1992).

21-*Younan EA, El-Barrawi SA, El-Barrawi MA, Darwish ZE.* **Odontogenic carcinomas: Immunohistochemical localization of epithelial membrane antigen (EMA).** (8th International Dental Congress, Alex. Egypt; Oct 1992).

22-*Younan EA, El-Barrawi MA, Omar TA, Anwar H.* **Patterns of expression and organization of epithelial membrane antigen in rare odontogenic tumors.** (8th International Dental Congress, Alex. Egypt; Oct 1992).

23-*El-Barrawy MA.* **A study on nosocomial septicemia: Nursery Department-Ohud Hospital.** The 14th Annual Scientific Congress. Alexandria University, Faculty of Medicine; July 1993.

24-*Youssef NM, El-Shamy HA, Abo-Donia, El-Barrawi MA, Abdel-Aal YA.* **A study of *Plesiomonas shigelloides* from human, pets, and aquatic environments.** J Egypt Public Health Assoc 1993; LXVIII(3,4): 293-308.

25-Detection of (HPV & EBV) immunohistochemically in malignant odontogenic tumors. (The 14th Annual Scientific Congress. Alexandria University, Faculty of Medicine; July 1993).

26-*El-Barrawi MA, Darwish Z.* **Pathogenesis of Epstein-Barr Virus (EBV) in oral squamous cell carcinoma and its variants.** (The 14th Annual Scientific Congress. Alexandria University, Faculty of Medicine; July 1993).

27-Possible role of Epstein-Barr Virus and Human Papilloma Virus in the etiology of embryonal type of rhabdomyosarcoma. The 14th Annual Scientific Congress. Alexandria University, Faculty of Medicine; July 1993.

28-*Abdel-Maguid SH, El-Barrawi MA, Mohamed LE.* **Identification of HLA-DR antigens expression on normal oral mucosa with comparative histochemical studies in oral lupus eryhromatosus.** ADJ 1993; 18(4): 21-32.

29- *Abdel-Maguid SH, El-Barrawy MA, Ismail KS, Anwar H.* **Modulation of class II antigen (HLA-DR) expression in human embryonic oral mucosa, tooth germs with its bony crypt and epithelial odontogenic tumors.** ADJ 1993; 18(4): 33-47.

30-*El-Barrawy MA.* **A pattern of nosocomial infection: Prospective study on a 200 bedded hospital.** Bulletin, Alexandria Faculty of Medicine 1994; XXX(3): 749-54 .

31-*El-Barrawi MA, Mohamed LE.* **Immunohistochemical study of verruciform xanthoma.** (9th International Dental Congress, Alex. Egypt; Nov 1994).

32-*El-Barrawi MA, Raslan HS.* **Phenotyping distribution of HLA-DR antigen on melanocytes and malignant melanoma.** (9th International Dental Congress, Alex. Egypt; Nov 1994).

33-*El-Barrawi MA, Darwish Z.* **Evidence of HLA-DR antigen in chronic sialoadenitis and Sjogren's syndrome.** (9th International Dental Congress, Alex. Egypt; Nov 1994).

34-*El-Barrawi MA, Raslan HS.* **Demonstration of the Epstein-Barr Virus (EBV) in the lymphoid tissue of patients with Hodgkin's disease.** (9th International Dental Congress, Alex. Egypt; Nov.1994).

35-*Abdel-Meguid SH, El-Barrawy MA, Mohamed LE.* **The expression of Langerhans cells (T6) in normal, benign, and malignant salivary glands.** European Journal of Oral Sciences April 1995; 103(2) Part II.

36-True oral carcinosarcoma (CS): Case report and immunohistochemical study. (American Academy of Oral and Maxillofacial Pathology. Annual Meeting May 6-10 ,1995).

37-*El-Barrawy MA, Ismail LM, El-Barrawy SA, Hassan MA.* **Possible viral etiology for oral melanoma.** (American Academy of Oral and Maxillofacial Pathology. Annual Meeting May 6-10, 1995).

38-Malignant mucous retention cyst: case report, and possible viral role in the epithelial transformation. (American Academy of Oral and Maxillofacial Pathology. Annual Meeting May 6-10, 1995).

39-Detection of Epstein-Barr Virus (EBV) in oral Hemangio-endothelioma (HE). (American Academy of Oral and Maxillofacial Pathology. Annual Meeting May 6-10, 1995).

40-*Ismail LE, El-Barrawy MA, Darwish MD.* **Fungal infections simulating gingivitis.** Alexandria Dental Journal 1996; 21(1): 55-66.

41- *El-Barrawy MA, Ismail SA, El-Barrawi SA, Sultan AA.* **Detection of Herpes Simplex Virus and Candidiasis with special emphasis on their possible role in human squamous cell carcinoma and its variants.** J Egypt Public Health Assoc 1996; LXXI(3,4): 285-307.

42-*Abdel-Meguid SH, El-Barrawy MA, Darwish ZA, Raslan HS.* **Distribution of immunocompetent cells (CD4 and CD8) in normal salivary glands and in autoimmune and non-autoimmune sialoadenitis.** (10th International Dental Congress, Alex. Egypt; Nov 1996).

43-*El-Barrawy MA, Mourad MI, Gaber M.* **Role of *Helicobacter pylori* in the genesis of gastric ulcerations among smokers and nonsmokers.** Eastern Mediterranean Health Journal 1997; 3(2): 316-21.

44-*El-Barrawy MA, Ismail LE.* **Viral incrimination in some oral precancerous and cancerous lesions.** Cairo Dental Journal 1997; 13(1): 183-187.

45-*El-Barrawy MA, Raslan HS.* **CD1, CD4, CD8 and CD56: As possible tools for early cancer detection & staging (PART-I).** Presented at the annual meeting & continuing education program of the American Academy of Oral & Maxillofacial Pathology. 52nd Annual Meeting, May 2-6, 1998), published in: Oral Surg Oral Med Oral Pathol 1998; 86(2):217.

46-*El-Barrawy MA, Sultan AA, Ismail KS.* **IL-1α, IL-1β, C-erbB, PCNA, EGFR, Ag NORs and TGF-α: As possible tools for early cancer detection & staging (PART-II).** Oral Surg Oral Med Oral Pathol 1998; 86(2):218.

47-*Sallam SA, Mahfouz AA, Dabbous NI, El-Barrawy MA, El-Said MM.* **An epidemiological study on reproductive tract infections among married women in 3 selected governorates in Upper Egypt: Minia, Assiut and Sohag.** (Assisted reproduction. 3rd International Annual Congress; Alexandria, Egypt. 12-13 November 1998).

48-*Abdel Fattah HA, El-Barrawy MA, El-Afandy NM, Gharib BA.* **Evaluation of immunofluorescence technique in diagnosis of Respiratory Syncytial Virus infection.** Bull HIPH 1999; 29(4):775-782.

49-*El-Barrawy MA, Raslan HS.* **Detection of Epstein-Barr Virus (EBV) immunohistochemically in malignant salivary gland tumors.** Egyptien Dental Journal 2000; 46(4): 1691-1696.

50-*El-Barrawy MA, Ismail SA, El-Barrawi SA, Sultan AA.* **In-situ hybridization, immunohistochemical and microbiological analysis in detection of Herpes simplex virus and Candida in squamous cell carcinoma.** Oral Surg Oral Med Oral Pathol 2000; 90(4): 499.

51-*El-Barrawy MA, Darwish MD.* **Ki-67 and TNF as biomarkers for oral lichen planus and its malignant transformation.** Oral Surg Oral Med Oral Pathol 2000; 90(4): 499.

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STUDENTS' SCIENTIFIC INTERACTIONS

1st: Thesis Supervision: Dr.P.H. (High Institute of Public Health, Alexandria University):

Student's Name	Thesis Title	Register	Discussion
Yehya Aly Abd El-Aal	A Microbiological Study of *Plesiomnas shigeloides* from aquatic Environments, Humans and Pets.	1989	1991
Heba Sayed Ahmed Selim	Evaluation of The Immune Status of Clinical Cases of Measles and Vaccinees.	1996	1999
Bahgat Zakaria Youssef Gerges	Rift valley Fever: Serological investigations in Different governorates of Egypt.	1996	1999
Bachaer Mohamed	Bacterial Profile of Acute Pelvic inflammatory Disease among	1997	3/2000

Zakareya Mohamed	Women Attending El-Shatby Maternity University Hospital in Alexandria.		
Helmy Saber Mohamed Saleh	Search for Legionella Species in Different Kinds of Water With comparison of The Various Methods of Isolation.	1997	9/2000
Magda Abo-Taleb	Indoor air quality of schools in Alexandria city.	1998	2002
Iman Mohamed El-Abhar	Bacterial Infection and Interleukin – 8 (IL-8) in Asthma Exacerbation.	2000	2/2005
Heba Ahmed Abd El-Hady	West Nile Virus existence in humans, equines, and mosquitoes in Alexandria Governorates.	2002	8/2007
Magda Fawzy Baskharoun	Microbial Study on Meningitis and Encephalitis Cases in El-Behera, Kafr El-Sheikh, and Alexandria Governorates.	2003	3/2007
Tagi Kassem Afifi	Anti-retroviral therapy effects on human immunodeficiency virus positive patients in relation to CD4 cell count and viral load.	2009	9/2012
Asmaa Abou Bakr Hendawy	Existence of *Burkholderia cepacia* at burn and intensive care units in Alexandria University Hospital.	2014	16/7/2017
Neamat Hanem Moustafa Ibrahim Dorra	Antiviral and Antioxidant Activities of Some Popular Plants Used in Egypt.	2015	9/8/2018
Heba Mohamed Ashraf Gaber Abdelazim	The Antifungal Activity of Garlic Extract (*Allium sativum*) and its Effect on the Protein Profile of *Candida albicans*.	2017	31/8/2020
Wesam Fawzy Abd El Moez Azzam	Evaluation of loop mediated isothermal amplification technique as an alternative technique to nucleic acid testing in the screening of Hepatitis-C Virus among blood donors.	2016	22/8/2021

2nd: Thesis Arbitration/ Discussion: Dr.P.H. (High Institute of Public Health, Alexandria University):

Name	Thesis Title	Discussion
Heba Sayed Ahmed Selim	Evaluation of The Immune Status of Clinical Cases of Measles and Vaccinees	1999
Wafaa Mohamed Kamel Bakr	Nosocomial Infections Among Leukemia and Lymphoma Patients undergoing Chemotherapy and Irradiation.	10/1999
Bachaer Mohamed Zakareya Mohamed	Bacterial Profile of Acute Pelvic inflammatory Disease among Women Attending El-Shatby Maternity University Hospital in Alexandria.	3/2000
Sarria Mohamed Hawam	Lower Respiratory Tract Infection Among Critically ill patients in Alexandria.	6/2000
Helmy Saber Mohamed Saleh	Search for Legionella Species in Different Kinds of Water with Comparison of The Various Methods of Isolation.	9/2000
Iman Mohamed El-Abhar	Bacterial Infection and Interleukin – 8(IL-8) in Asthma Exacerbation.	2/2005
Amany Abbas Yossef Salem	The Use of Different Immunological Methods in Assessment of the Immune Response to Foot and Mouth Disease Virus in Humans, Farm Animals and Experimental Mice	3/2008
Nancy Mohamed Mustafa El-Afandy	Efficacy of some new Methods for Diagnosis of *Helicobacter Pylori* Infection.	3/2005
Heba Ahmed Abd El-Hady	West Nile Virus existence in humans, equines, and mosquitoes in Alexandria Governorates.	8/2007
Magda Fawzy Baskharoun	Microbial Study on Meningitis and Encephalitis Cases in El-Behera, Kafr El-Sheikh, and Alexandria Governorates.	3/2007
Mona Mohamed Baraka	Monitoring of Liver Fibrosis and Response to Interferon Therapy by a Serum Fibrogenesis Marker, YKL-40, in Patients with Hepatitis C Virus Infection.	10/2012
Asmaa Abou Bakr Hendawy	Existence of *Burkholderia cepacia* at burn and intensive care units in Alexandria University Hospital.	16/7/2017
Ahmed Attia Abd El-Hameed Mohammed	Interleukin 28B, CD81 and CD137 as Predictors of Treatment Response in Chronic Hepatitis C patients.	12/4/2018
Neamat Hanem Moustafa Ibrahim Dorra	Antiviral and Antioxidant Activities of Some Popular Plants Used in Egypt.	9/8/2018
Marwa Ali Mahmoud	Health Care Associated Infections in El-Shatby Neonatal Intensive Care Unit	27/8/2020

Elkady	and Effectiveness of Hand Hygiene Interventional Educational Program.	
Heba Mohamed Ashraf Gaber Abdelazim	The Antifungal Activity of Garlic Extract (*Allium sativum*) and its Effect on the Protein Profile of *Candida albicans*.	31/8/2020

3rd: Thesis Supervision: Master P.H. (High Institute of Public Health, Alexandria University):

Name	Thesis Title	Register	Discussn
Adel I. Tanious	Isolation of *Yersinia enterocolitica* from stool of children suffering from gastroenteritis and from different types of water in Alexandria.	1987	1989
Suzan Abo-elenein Sayed Ahmed Khalaf	Symptomatic and asymptomatic Rota virus execrators among children less than six years attending El-Shatby outpatient pediatric clinic.	1988	1990
Ahmed Mohsen Othman El-Kadassy	A study on The Effect of some Antimicrobial Agents on *Candida albicans* Strains.	1989	1991
Nehad Mohamed Sidky El-assar	Evaluation of a rapid Immunoassay Test in The Diagnosis of Helicobacter Pylori infection.	1996	12/1998
Nancy Mohamed Mustafa El-Afandy	Evaluation of Immuno-fluorescence Technique in Diagnosis of Respiratory Syncytial Virus infection.	1997	7/1997
Mamdouh Nafee Mohamed Khalil	Bacterial Profile of Lower Respiratory Tract Infection with Special Emphasis on The Role of *Mycoplasma pneumoniae*.	99/2000	1/2002
Aziza Hassan Waguih Ali Ali Kamel	Epstein – Barr Virus (EBV) in Head and Neck Squamous Cell Carcinoma.	00/2001	2/2002
Ahmed Mohamed Mohamed Fonoun	Evaluation of Mycobacteria Growth Indicator Tube as a Rapid Method for Culturing of Mycobacteria	2002	12/2005
Nader Wahba Abd El-Rahman	Prevalence of TT Virus DNA Among Blood Donors in Alexandria.	2003	12/2005
Elsayed ElBably ElBasiouny Aide	Evaluation of Urine Samples in The Diagnosis of Hepatitis A Virus infection.	2005	5/2007
Mona Mohamed Baraka	Role of Inter Cellular adhesion molecule – 1 (1CAM-1) as a diagnostic and Prognostic Marker of inflammatory activity in chronic Viral Hepatitis.	2006	2008
Dina Abdel-Hafeez	Evaluation of Interlukin-18 as a non-invasive marker for liver damage among chronic HCV patients.	2007	2009
Marwa Shawkat Gamal eldin	Hepatitis G virus infection in patients with hepatitis C.	2002	3/2010
Ghamadan Ahmed Ali Al-Tahish	Effectiveness of rapid tests for the detection of Hepatitis C virus antibodies.	2008	2010
Mostapha Abd ElHamid Aly Loutfy	Evaluation of directly observed treatment short course chemotherapy for Tuberculosis control in Alexandria.	2002	8/2010
Asmaa Hamdy Ibrahim Mahmoud	Study of some respiratory viruses in patients with acute respiratory tract infections in Alexandria.	2009	10/2011
Anwar Abd El-Basset Abd El-Hamid Al-Hanafi	Bovine Tuberculosis in Some Cattle Farms in Kafr Elsheikh Governorate.	2014	18/1/2017
Sumaia Husain Abu Baker Hirka	Study of Some Oral Pathogenic Microorganisms in Relation to Oral Hygienic Practices.	2015	21/8/2017
Manal Osman Mohamed Osman	Effects of Statins on Hepatitis C Viral Load.	2014	27/9/2017
Mariam Adel El Saied Saied-Ahmed Salem	Effect of Antiretroviral drug adherence on CD4 cell count and Human Immunodeficiency Virus load.	2016	23/10/2018
Gilan Moahmed Ragab	Evaluation of the Microbiological Contamination of Food Served in a University Hospital in Alexandria.	2018	12/5/2020
Nourhan Mahrous Ahmed Mohammed Salem	Evaluation of Microbiological Quality of Certain Non- Sterile Pharmaceutical Products Commonly Used in Alexandria.	2018	8/4/2021

Muhammad Muhammad Abbas Dawud	Serological profile of Hepatitis B Virus among Pregnant women in Kafr El-Sheikh governorate	2017	10/1/2022

4th: Thesis Arbitration/ Discussion: Master P.H. (High Institute of Public Health, Alexandria University):

Name	Thesis Title	Discussion
Eman Elsayed Ahmed Mito	Evaluation of Microbiological Methods used for Detection of Residues of Antibiotics and chemical Preservatives in Milk.	7/1996
Einas Mohamed Fathy	Evaluation of the Use of Elisa Technique for The Sero-diagnosis of Pulmonary Tuberculosis.	9/1996
Nehad Mohamed Sidky El-assar	Evaluation of a rapid Immunoassay Test in The Diagnosis of Helicobacter Pylori infection.	12/1998
Rania Gaber Hamdy	*Listeria monocytogenes* in Some Types of Sea Food.	9/1999
Nancy Mohamed Mustafa El-Afandy	Evaluation of Immuno fluorescence Technique in Diagnosis of Respiratory Syncytial Virus infection.	7/1997
Zeinab Abo Elyazied Eldesouky	Evaluation of Polymerase Chain Reaction as a Tool for Early Diagnosis of Candiduria in Cancer Patients.	5/2002
Mamdouh Nafee Mohamed Khalil	Bacterial Profile of Lower Respiratory Tract Infection with Special Emphasis on The Role of *Mycoplasma pneumonia.*	1/2002
Aziza Hassan Waguih Ali Ali Kamel	Evaluation of Urine Samples in The Diagnosis of Hepatitis A Virus infection	2/2002
Salah Abo El-yazied El desouky	Antifungal Effect of Some Essential Volatile Oils Against Some Yeast and Dermatophytes.	6/2004
Ahmed Mohamed Mohamed Fonoun	Evaluation of Mycobacteria Growth Indicator Tube as a Rapid Method For Culturing of Mycobacteria.	12/2005
Nader Wahba Abd El-Rahman	Prevalence of TT Virus DNA Among Blood Donors in Alexandria.	12/2005
Omar Hassan Ahmed Baraheem	Bacteriological Quality of Some Dairy Products (Kariesh Cheese & Ice Cream) in Alexandria with Special Reference to Salmonella.	1/2007
Elsayed ElBably ElBasiouny Aide	Evaluation of Urine Samples in The Diagnosis of Hepatitis A Virus infection	5/2007
Basant Mohamed Atef	Urinary tract infection among elderly inmates at residential geriatric homes in Alexandria.	2009
Marwa Shawkat Gamal eldin	Hepatitis G virus infection in patients with hepatitis C.	3/2010
Ghamadan Ahmed Ali Al-Tahish	Effectiveness of rapid tests for the detection of Hepatitis C virus antibodies.	2010
Mostapha Abd ElHamid Aly Loutfy	Evaluation of directly observed treatment short course chemotherapy for Tuberculosis control in Alexandria.	8/2010
Asmaa Hamdy Ibrahim Mahmoud	Study of some respiratory viruses in patients with acute respiratory tract infections in Alexandria.	10/2011
Reham Hassan Eid Abdolmonem	Levels of antibodies against measles and rubella viruses in immunocompromised children.	1/2012
Hader Hany Youssef Hassen	Anti-Bacterial Effect of Some Medical Herbal Extracts.	9/2013
Rasha Abdel-khalek Helal	Determination of Aflatoxin B1 Level in some Medicinal Herbs in Alexandria.	18/1/2015
Huda Ali Mohammad Nasser Al-Rasheedi	Antimicrobial Activity of Commiphora mrrha Oleo-gum Resin Extracts against Some Vaginal Pathogens-Study in Vitro.	17/4/2016
HebatAllah Abd El Monaem Bassiouny	Assessment of a Novel Bi-layered Medium for Rapid Isolation of *Mycobacterium Tuberculosis.*	25/12 /2016
Anwar Abd El-Basset Abd El-Hamid Al-Hanafi	Bovine Tuberculosis in Some Cattle Farms in Kafr Elsheikh Governorate.	18/1/2017

Sumaia Husain Abu Baker Hirka	Study of Some Oral Pathogenic Microorganisms in Relation to Oral Hygienic Practices.	21/8/2017
Manal Osman Mohamed Osman	Effects of Statins on Hepatitis C Viral Load.	27/9/2017
Ahmed Farag Ahmed Saeed	Evaluation of Antibacterial and Antifungal Efficiency of Purity 4 Disinfectant Against other Disinfectants.	18/9/2018
Mariam Adel El Saied Saied-Ahmed Salem	Effect of Antiretroviral drug adherence on CD4 cell count and Human Immunodeficiency Virus load.	23/10/2018
Engy Ahmed Mohammed Abou El-Saad	Microbial Profile of Chronic Suppurative Otitis Media in Alexandria.	3/8/2019
Gilan Moahmed Ragab	Evaluation of the Microbiological Contamination of Food Served in a University Hospital in Alexandria.	12/5/2020
Eriny Gamil Gayed Gergawy	Detection of Multi-drug Resistant Gram-Negative Bacteria in the Intensive Care Unit of a Private Hospital, Alexandria.	2/3/2021
Nourhan Mahrous Ahmed Mohammed Salem	Evaluation of Microbiological Quality of Certain Non- Sterile Pharmaceutical Products Commonly Used in Alexandria.	8/4/2021
Muhammad Muhammad Abbas Dawud	Serological profile of Hepatitis B Virus among Pregnant women in Kafr El-Sheikh governorate	10/1/2022

5th: Thesis Arbitration/ Discussion: Master of Chest Diseases & Phithisiology (FACULTY OF MEDICINE, Alexandria University):

-Evaluation of the bacteriophage in the diagnosis of pulmonary tuberculosis in comparison to sputum smear and culture. (Ayman Adel Sadek. 2002).
-Assessment of risk factors for lung fungal infection in respiratory intensive care unit. (Fatma ElBadry El-Shamandy. 8/12/2012).
-Interferon Gamma Release Assays (IGRAS) in Diagnosis of Pulmonary Tuberculosis. (Hamdy Sayed Abd El Mawla. 28/5/2013).
-Etiological and Prognostic Values of Procalcitonin in Hospital-Acquired Pneumonia. (Ahmed Elsayed Abu Elkhashab. 24/10/2013).
-Study of Broncho Alveolar Lavage Neopterin as a Biomarker in Bronchial Carcinoma Bearing Lung versus the Non-Tumor Bearing Lung. (Mohamed Abd El-Fatah M. Abo Elsaad. 16/1/2014).
-Comparison between Adenosine deaminase and Interferon gamma release assays (IGRAS) in diagnosis of tuberculous pleural effusion. (Neveen Diaa Mohamed Marey. 26/6/2014).
-The diagnostic value of Adenosine deaminase activity in pulmonary tuberculosis: comparison between sputum and serum. (Heba Gamal Mohamed El Esawy. 5/7/2014).
-Evaluation of the microbiological analysis of bronchoalveolar lavage sample in patients with stable bronchiectasis. (Mohammad Sabry Hassan Eltarhony. 2/5/2017).
-Evaluation of Genexpert MTB/RIF for the detection of Mycobacterium tuberculosis and resistance to rifampicin in respiratory specimens. (Amr Metwally Elelamy Ahmed. 24/10/2018).

6th: Thesis Arbitration/ Discussion: Master of OBSTETRIC & GYNECOLOGY (FACULTY OF MEDICINE, Alexandria University):

-The effect of antenatal betamethasone in preventing neonatal respiratory distress in cases of term elective cesarean section. (Tamer Ahmed Hosny Labib. 2008).
-Fetal cord blood Prolactin and Thyroxine hormone levels in relation to respiratory distress syndrome in newborns after different modes of delivery. (Rani Amed Hashad. 2008).
-Study of some atherogenic markers in pre-eclampsia. (Merihan Zarif Riad Abdel Malek. 2009).
-The changes in liver and kidney functions after delivery in pre-eclamptic and eclamptic patients. (Eman Ibrahim Hashad. 2009).
-Study of the impact of microbiological detection of vaginal infections on prediction and prevention of prevention of preterm labor. (Nihal Ahmed Mamdouh Mohsen Shaaban. 2010).

-Placental drainage of fetal blood at Cesarean section delivery and feto-maternal transfusion. (Sara Mohamed Abdel-latif. 2011).
-Evaluation of placental removal method and site of uterine repair on operative blood loss and post-cesarean endometritis. (Amed Magdi Ahmed Shukri. 2/2012).
-Uterine compression sutures and the amount of post-partum blood loss in high-risk cases of atonic postpartum hemorrhage. (Amr Essam El-Dien Mohamed. July 2012).
-Double marker test and uterine Doppler in cases with hyperemesis gravidarum. (Tarek Elsayed Ibrahim Soliman. March 2013).
-Gestational sac volume and double marker test in cases of hyperemesis gravidarum. (Maha Medhat Yehia Mohamed Anwar. 12/11/2013).
-Long-acting corticosteroids for the control of hyperemesis gravidarum and its effect on blood chloride level. (Rasha Gamal Khaleefa Darwesh. 26/12/2013).
-The relation between *Helicobacter pylori* infection and hyperemesis gravidarum. (Azza Ibrahim Raghb Elhenawy. 8/8/2016).
-A study of evaluating the role of Adrenomedullin gene polymorphism in preeclampsia. (Doaa Hamdy Abd El-Monem Ahmed. 15/10/2016).
-Preliminary study of maternal blood calprotectin level in preeclampsia. (Randa Ahmed Abdel Hamed Deif. 8/8/2017).
-Platelet glycoprotein IIB/IIIA (LEU 33 PRO) polymorphism and its role in recurrent early pregnancy loss. (Olfat Abd El-Haleem Abd El-Lateif Abd El-Rahman. 22/8/2017).

7th: Thesis Arbitration/ Discussion: Master of PEDIATRICS (FACULTY OF MEDICINE, Alexandria University):

-Frequency of Rotaviral antigenemia in children with Rotaviral gastroenteritis and its relation to disease severity. (Sherif Moustafa Dabbour 2/2012).

8th: Thesis Arbitration/ Discussion: Master of MICROBIOLOGY & IMMUNOLOGY (FACULTY OF MEDICINE, Alexandria University):

-Bacteriological investigation of ventilator associated pneumonia in intensive care units of Alexandria main university hospital. (Ragya Magdy Mohamed Abou-El-Abbas. 2011).
-The use of in-vitro techniques to detect antimicrobial susceptibility patterns of isolates from cases of infective endocarditis. (Dina Aly El Sayed Kholeif. July 2012).
-Molecular typing of methicillin resistant *Staphylococcus aureus* clinical isolates on the basis of protein A and coagulase gene polymorphism. (Engy Hamdy ELKhayat. 22/6/2013).
-The study of platelets as a potential extrahepatic reservoir for hepatitis C virus. (Nashwa Moustafa Hassan Ahmed. 27/6/2013).
-Correlation between bacterial load of *Helicobacter pylori* infection by quantitative PCR and Histopathological grade in patients with gastritis. (Walaa Wassal Abdel Aziz Mostafa. 11/8/1015).
-Molecular serotyping of *Streptococcus pneumonia* isolated from Egyptian children. (Nehal Mohamed Ali Shahtout. 5/9/2015).
-Epstein-Barr virus (EBV) as a candidate trigger of Multiple Sclerosis (MS). (Amira Mahmoud Mohamed Naguib. 24/1/2016).
-Colonization rate of Group B Streptococci (GBS) in pregnant women at delivery. (May Mohamed Mohamed Sanad Askar. 7/5/2016).
-Hepatitis C Virus core gene polymorphism in cases of hepatocellular carcinoma. (Eman Faisal Yuness Alsaid. 4/10/2016).
-Prevalence, antimicrobial susceptibility pattern and virulence factors of group B streptococci among pregnant women in Alexandria. (Basma Mostafa Mohammed Arafa. 1/ 11/ 2016).
-Surveillance of surgical site infections of patients in Alexandria police hospital. (Soraya Mohamed Sabry Ahmed ghazal, 5/3/2018).
-Measuring the minimum biofilm eradication concentration for bacterial isolates from diabetic food infections. (Amel Refat

Gouda Afifi. 20/6/2020).

9th: Thesis Arbitration/ Discussion: Master of MICROBIOLOGY (MEDICAL RESEARCH INSTITUTE, Alexandria University):

-Viral Etiology of Acute Respiratory Infection and Influenza-Like Illness in Egyptian Children. (Mohamed Youssef Abdel-Halim Eltalkhawy. 25/9/2017).

10th: Thesis Arbitration/ Discussion: Master of MICROBIOLOGY & IMMUNOLOGY (FACULTY of MEDICINE, Tanta University):

-Microbial Profile of Egyptian Currency. (Sally Aly Saleh Mohamed. 29/11/2017).

11th: Thesis Arbitration/ Discussion: Master of Critical Care Medicine (FACULTY OF MEDICINE, Alexandria University):

-Prospective study in the incidence of microorganisms implicated in early and late ventilator associated pneumonia and their antibiogram. (Ahmed Rashad El Din Zaki Mahmoud. July 2012)

12th: Thesis Supervision: Master of ORAL PATHOLOGY (FACULTY OF Dentistry, Alexandria University):

-Prevalence and intra-oral distribution of *Candida albicans* in oral white and red lesions. (Sagy Lotfy Asar, 2009-2010).

13th: Thesis Supervision: Master of Pharmaceutical Microbiology (FACULTY OF Pharmacy, Tanta University):

-Possible synergistic effect of statin with antibiotics against bacterial infection. (Rana Adel Mahmoud Al-Nagar, 2021).

14th: Thesis Supervision: Doctor of pharmacy (FACULTY OF Pharmacy, Alexandria University):

-Rational use of antibiotics in surgery: A guideline for preoperative surgical site infection prophylaxis. (Maha Mohamed Saud Khalid, 2009).

15th: Thesis Supervision: Doctorate of QUALITY CONTROL PROGRAMME (The Arab Academy for **Science and Technology and Maritime Transport):**

-Quality control in Egyptian blood banks, applied in Alexandria Governorate. (Solieman Mohamed Keliewan, 2008-2010).

16th: Book revision:

-Clinical Practice guideline for community health nurses working with newly pulmonary tuberculosis cases in chest out-patient clinics. (Deposit no. 14612/2008).

17th: Reviewing articles for WHO journal: *Eastern Mediterranean Health Journal*. (examples):

Title	Date
Role Of *Helicobacter pylori* In The Genesis Of Gastric Ulcerations Among Smokers And Non-Smokers.	19/8/1996
Isolation Of Listerias from Cow's Milk and Aborted Women Cases.	14/1/1997
Fungal Infection Simulating as Gingivitis	28/1/1998

Significant Bacteriuria in Pregnant And Unmarried Women In Basra City	17/3/1998
A Multi-Step Optimization Study for Maximum Growth Of Saccharophilic Yeast Saccharomyces cerevisese Strain Asn-3: A Three-In-One Approach.	1/7/1998
Incidence of Multiple Antibiotic Resistance Among Local Serotypes Of Pathogenic E-Coli	23/11/1998
Bacterial Infections In Children With Visceral Leishmaniasis	21/7/1999
Seroepidemiology To Arbovirus of Crimean-Congo Hemorrhagic Rural Community Of Basrah	15/2/2000
Application of PCR To Detect *Legionella pneumophila* and Integration Single Test into The Multiplex PCR	15/10/2000
Nongonococcal Urethritis in Males	24/6/2001
Bone Infection-Review	3/1/2002
Rapid Identification of Streptococcal Pharyngitis	10/8/2003
Study On the Single Acute-Phase Widal Test For Diagnosis Of Typhoid And Paratyphoid Fever Patients At IBB City-Yemen	6/9/2004
Occurrence Of Pneumonia Community and Hospital Acquired, In Basrah.	31/3/2005
Seroprevalence Of *Helicobacter pylori* Infection In 7-9 Year – Old Children In Zanjan (I.R.Iran).	29/6/2005
Effect Of Low Molecular Weight Compounds Isolated from *Bifidobacterium longum* Fermented Milk On Host	26/12/2005
High Prevalence Of *Helicobacter pylori* Infection In Behcet's Disease	5/1/2006
EMHJ-D-14-00046 entitled: Problems of providing services to people affected by HIV/AIDS: from the perspective of policy makers, health service providers, people affected by HIV/AIDS.	4/4/2014
EMHJ-D-14-00069 entitled: Characterization of cephalosporin-resistant clinical Enterobacteriaceae for CTX-M ESBLs in Bahrain: CTX-M-15 is prevalent, and CTX-M-55 has emerged.	4/4/2014
EMHJ-D-14-00176 entitled: Patients with acute respiratory infection admitted to Al-Yarmouk teaching hospital during H1N1 outbreak in Baghdad 2013.	16/6/2014
EMHJ-D-14-00195 entitled: Epidemiological analysis of hospitalized patients with laboratory-confirmed influenza A(H1N1)pdm09 virus across the first and second waves in Tabuk, Saudi Arabia.	3/9/2014
EMHJ-D-15-00318 entitled: Evaluation of Hepatitis C Virus Core Antigen as a Marker for Hepatitis C Virus Infection among Egyptians.	17/10/2015
EMHJ-D-17-00284R3 entitled: A hospital-based surveillance of rotavirus gastroenteritis among hospitalized children under 5 years of age in the Middle Eastern and North African.	4/10/2017
EMHJ-D-14-00228 entitled: Detection of carbapenemases in Gram-negative bacteria: challenge among phenotypic diagnostic methods.	1/11/2017
EMHJ-D-17-00880 entitled: Middle Eastern respiratory syndrome coronavirus (MERS-CoV): a review.	17/2/2018
EMHJ-D-18-00145R2 entitled: Estimating burden of influenza associated mortality in Egypt from 2000 to 2013.	3/12/2019
EMHJ-D-20-00226R1 entitled: Knowledge, attitudes, and practices towards COVID-19 among Sudanese residents, March 2020.	26/4/2020
EMHJ-D-20-00490 entitled: Epidemiology of SARS-CoV-2 in Egypt	22/6/2020
EMHJ-D-20-00877 entitled: The value of Charlson Comorbidity Index in predicting poor clinical outcomes and mortality in patients with COVID-19.	12/11/2020
EMHJ-D-20-01278 entitled: COVID-19 treatments and immunosuppressant therapy: are there drug-drug interactions?	31/3/2021
EMHJ-D-21-00554 entitled: Incidental findings of COVID-19 in 18F-FDG PET/CT: benefit of qualitative and quantitative analysis regarding the reported disease incidence in Egypt.	16/6/2021
EMHJ-D-21-00554R1 entitled: An estimate of the incidence of COVID-19 in Egypt: Analysis of the accidental PET-CT findings of COVID-19 in asymptomatic cancer patients.	2/8/2021
EMHJ-D-21-00554R2: An index of COVID-19 incidence in Egypt: Analysis of the accidental PET-CT radiological findings of COVID-19 in asymptomatic cancer patients.	20/11/2021
EMHJ-D-21-00554R3: An index of COVID-19 incidence in Egypt: Analysis of the accidental PET-CT radiological findings of COVID-19 in asymptomatic cancer patients.	23/1/2022

18th: Reviewing articles for The Egyptian Heart Journal-Elsevier Editorials. (examples):

Study of Infective Endocarditis in Alexandria Main University Hospitals. 12/2012.

19th: Reviewing articles for Journal of Medical Research Institute. (examples):

Bacterial Endotoxins: An Indicator of Drinking Water Quality in Alexandria. 1/2013.

20th: Assessor for project proposals submitted by Ph.D. candidates for their comprehensive exam. Immunology Department, Medical Research Institute:

- Role of microbiome in breast cancer patients and its impact on antitumor immune response. (Hend Kadry. October 15th, 2016).
- Role of microbiome in rheumatoid arthritis patients. (Eman Medhat Osman. December 17th, 2016).

21st: Assessor for promoting Assistant/ Associate professors:

A) Internationally:

- Najran University, KSA. (August 2013).
- Qassim University, KSA. (March 2014).

B) Nationally:

- All governmental and non-governmental Egyptian Universities through the EGYPTIAN UNIVERSITIES PROMOTION COMMITTEE, for Microbiology & Immunology (nominated by the Supreme Council of Universities), since 2008, till present time.

22nd: Alexandria University Project Assessor (Alex Rep):

- Nominated by: The office of Alexandria University Vice President for graduate studies and research, since 2014, till present time.