



Dept. of Clinical Pathology
Faculty of Medicine
Assiut University, Egypt



WORK: (+20) 88-2413194
CELL: (+20) 01003997231
FAX: (+20) 88- 2333327



h.rashed64@aun.edu.eg
hebagr@yahoo.com



<https://www.linkedin.com/in/hebat-allah-rashed-55610a33/>



<https://scholar.google.com/citations?user=QwkOFVQAAAAJ&hl=en>

HEBAT-ALLAH GAMAL ELDIN RASHED

PROFESSOR OF CLINICAL PATHOLOGY - UNIVERSITY OF ASSIUT
HEAD OF INFECTION CONTROL UNIT - ASSIUT UNIVERSITY HOSPITALS

EDUCATION

- Bachelor's in medicine and Surgery (MBBCh), Faculty of Medicine Assiut University, Egypt 1987
- Master of Medicine (MMed), Dept. of Clinical Pathology, Faculty of Medicine Assiut University, Egypt 1992
- Doctor of Philosophy in Medicine (MD-Ph.D.), Dept. of Clinical Pathology, Faculty of Medicine Assiut University, Egypt 2001

POST-GRADUATE TRAINING

- Guest Researcher, Center for Disease Control (CDC), Tuberculosis Branch, Atlanta, GA, USA 1998-2000
- Molecular Diagnosis of Hepatitis, Center for Disease Control (CDC), Hepatitis Branch, Atlanta, GA, USA 2002
- From Gene to Protein, Advanced Molecular Technique, Assiut University, Egypt 2010
- Basic Infection and Prevention Training, by CDC-Egypt, Assiut University, Egypt 2015
- Advanced Infection and Prevention Training, , by CDC-Egypt, Assiut University, Egypt 2016
- Bio-Risk Management Curriculum Development Workshop, Sandia National Laboratories (USA), Cairo, Egypt 2017
- University Health Hospitals Training Capacity Development Project (Part II), Advanced Trainer Workshop, Sandia national Laboratory (USA), Marrakesh, Morocco 2018

WORK EXPERIENCE

- May 1, 2015 – Present: Head of Infection Control Unit, Assiut University Hospitals, Egypt
- September 1, 2013 – Present: Head of Microbiology Unit, Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- March 9, 2011 – Present: Professor of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- November 21, 2010 – 2015: Member of Molecular Virology Lab supplied by STDF, Assiut University Hospitals, Egypt
- January 9, 2006 – March 9, 2011: Assistant Professor of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- July 29, 2001 – January 9, 2006: Lecturer, Department of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- 1998 – 2000: Guest Researcher, Center for Disease Control (CDC), Tuberculosis Branch, Atlanta, GA, USA
- May 20, 1993 – August 17 1998: Assistant Lecturer, Department of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- December 31, 1991 – May 20 1993: Demonstrator/Research Assistant, Department of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- January 3 1989 – December 31, 1991: Resident, Department of Clinical Pathology, Faculty of Medicine, Assiut University, Egypt
- January 3 1988 – January 3 1989: House Officer, Assiut University Hospitals

LEADERSHIP AND CAPACITY BUILDING COURSES

- June 4-7, 2005: Scientific Research Management
- December 19-21, 2005: Management Skills
- March 12-14, 2006: Modern Approaches to Teaching
- February 24-26, 2007: Preparing and Writing Scientific Papers for International Publications
- March 17-19, 2007: Curriculum Design
- April 2-4, 2007: Using Technology in Teaching
- April 10-12 2007: University Legal System
- April 28-30, 2007: Teaching for Large Groups
- May 17-19, 2008: Exams System and Student Evaluation

PROFESSIONAL ASSOCIATION

- 1989-Present: Egyptian Association of Medical Practitioners
- 1998-2015: American Society of Microbiology
- 1995-2014: Egyptian Society of Laboratory Medicine
- 2003-2011: South Egypt Society of Laboratory Medicine
- 2006-2011: Egyptian Association of Immunology

GRANTS AND FUNDING

- 2002: Assiut University - Research fellowship to visit the CDC, Atlanta, GA, USA
- 2002: International Union of Microbiological Societies (IUMS) – Travel Award to visit the CDC, Hepatitis Division
- 2007: Immune Function and Cognition: Isolated Effect of Hepatitis, In collaboration with Department of Epidemiology and Biostatistics, University of Oklahoma Health Sciences
- 2015-2016: WHO (USD \$35,000) - Infection Control and Prevention Training Program for Assiut University Hospitals staff.
- 2017: Egyptian National Bank (EGP 1,000,000) – Capacity Building program for Assiut University Hospitals.

PUBLICATIONS

1. Evaluation of some methods of DNA extraction for genotypic diagnosis of *Mycobacterium tuberculosis*. Egyptian .J.med.Microbiol., vol 13 (2) 355-361 April 2004
2. Thyroid and Pancreatic Islet cell antibodies in chronic (HCV) infection with and without diabetes. Assiut

3. Immune Response and Cytokine Production in Patients with pulmonary tuberculosis. Egyptian J. of Chest Vol 52 (2) 95-110 April 2003
4. Serum IL-2 and platelets associated immunoglobulins are good prognostic markers in immune thrombocytopenic purpura. Egyptian J .of Immunology Vol 11 (2) 121-132 2004
5. Hypermethylation of the PAX5 gene promoter and its implication in the pathogenesis of multiple myeloma. Assiut med. J. Vol 28 (3) 35-46 , 2004
6. Interleukins 8 and 10, and Tumor Necrosis Factor α and Its type I soluble receptor in hemodialysis children with chronic renal failure: relationship to growth and inflammatory markers. Egyptian J . of biochemistry & Molecular biology Vol 22 (1) 33-54 , 2004
7. The value of *Helicobacter pylori* Stools Antigen test for the detecting *Helicobacter pylori* infection and for the follow up after eradication therapy in peptic ulcer disease. Egypt. J. Med. Microbiol., Vol 13 (2) 455-459 , 2004
8. Predictors of susceptibility to Methicillin –Resistant *Staphylococcus aureus* Infection in Intensive Care Patients and its impact on outcome. Egypt. J. Med. Microbiol., Vol 13 (4) 839-844 , 2004
9. Alterations of mononuclear inflammatory cells, CD4/CD8+ T cells, interleukin 1b, and tumour necrosis factor α in the bronchoalveolar lavage fluid, peripheral blood, and skin of patients with systemic sclerosis. J Clin Pathol 58 178-184 , 2005
10. Prevalence of Hepatitis C Virus Genotype 4 in Blood Donors in Upper Egypt. Egypt. J. Med. Microbiol., Vol 12 (4) 849-853 , 2003
11. Adult Community Acquired Pneumonia in Assiut University Hospital. Assiut med. J. Vol 30 (1), 2006
12. Serum procalcitonin, Interleukin 6 and C-reactive protein in neonatal sepsis. Egypt. J. Med. Microbiol., Vol 14 (4) 725-735 , 2005
13. Diagnostic value of serum procalcitonin as a marker of bacterial infection in cirrhotic patients with fever. Assiut med. J. Vol 27 (1) 89-95 , 2003
14. The association of chlamydia pneumoniae antibodies in hypertensive atherosclerotic patients. Assiut med. J. Vol 26 (4) 87-103, 2002
15. Characterization of IS 6110 Restriction Fragment Length Polymorphism pattern and Mechanism of antimicrobial resistance for multidrug resistant isolates of Mycobacterium tuberculosis from a Major reference hospital in Assiut, Egypt. J.Clin.Microbiol 39-6-2330-2334 July 2001
16. Evaluation of some Methods in Diagnosis of tuberculosis and pattern of resistance in Assiut University Chest Clinic., Egyptian J Chest 55,91- 99 July 2001
17. Evaluation of Quantiferon –TB Gold assay in detection of latent and active infection with Mycobacterium tuberculosis in a group of Egyptian children, Egyptian J Chest 57/4 1- 11 Oct 2008
18. Diagnostic performance and predictive value of rheumatoid factor, anti-cyclic –citrullinated peptide antibodies and HLA-DRB1 locus genes in rheumatoid arthritis , International Archives of Medicine 2008, 1:20
19. Performance of Tuberculin Skin Test and QuantiFERON- TB- Gold in tube assay in diagnosing active and latent tuberculosis in high burden settings, Egyptian J Chest 58/3 1- 14 July 2009
20. Clinicopathologic features and genotyping of patients with chronic HBV infection in the Upper Egypt, Cellular immunology 265 (2010) 97-104
21. Neuropsychiatric evaluation of patients with brucellosis ,Journal of Neurovirology, Feb 2010,vol 16, 48-55
22. Is Helicobacter pylori infection associated with alopecia areata? Journal of Cosmetic Dermatology ,Vol 8 (1)

march 2009 52-55 (4)

23. A prospective study of antituberculous drug-induced hepatotoxicity in an area endemic for liver diseases, *Liver international* (2008) 2:353–360
24. Comparison of Different Phenotypic and Molecular Methods for Detection of Methicillin-Resistant *Staphylococcus aureus* in Intensive Care Patients, *The Egyptian Journal of Immunology* Vol. (17), 2 2010 p : 45- 55
25. A suggested algorithm for using serum biomarkers for diagnosis of liver fibrosis in chronic Hepatitis C Infection, *Arab Journal of Gastroenterology*, December 2010,
26. Hepatitis C Infection, Cognition, and Inflammation in an Egyptian Sample, *Published at: Journal of Medical Virology*, vol. (83) 261-266 , January 2011
27. -Broad Range 16 S rDNA PCR as an early diagnostic tool for neonatal sepsis, *Microbiology Journal* January 2011, Vol 20 No (1) 149-1 56
28. Clinico-laboratory Study on children with autoimmune hepatitis in Upper Egypt, *Microbiology Journal* January 2011, Vol 20 No (1) 157-164
29. Performance of Tuberculin Skin Test and QuantiFERON-TB-Gold in Tube Assay in Diagnosing Active and Latent Tuberculosis in High Burden Settings, *Microbiology Journal* (2)Vol 20 April 2011, 37:50
30. -Improved Screening strategies for tubal factor infertility for Egyptian patients, *Microbiology Journal* (2)Vol 20 April 2011, 51:59
31. Diagnostic challenges of tuberculosis peritonitis in upper Egypt, Makhlouf NA, Makhlouf GA, Soliman A, Sherif MF, Rashed HAG.. *Al-Azhar Assiut Med J* 2016;14:115-21
32. The efficacy of hepatitis B vaccination program in Upper Egypt: flow cytometry and the evaluation of long-term immunogenicity N Makhlouf, A Farghaly, S Zaky, H Rashed, AN Faddan... - *Journal of Viral Hepatitis*, 2015
33. Prevalence of occult hepatitis C virus in patients with HCV-antibody positivity and serum HCV RNA negativity, Aboalam HA, Rashed HAG, Mekky MA, Nafeh HM, Osman OA. *J Curr Med Res Pract* 2016;1:12-6
34. Hypovitaminosis D Among Patients Admitted with Hip Fracture to a Level-1 Trauma Center in the Sunny Upper Egypt: Prevalence and Associated Correlates, O Farouk, DG Mahran, HG Said, MM Alaa, AA Eisa... - *Geriatric Orthopaedic Surgery & Rehabilitation*, 2016
35. Cellular and humoral immune response in non-HIV infected tuberculous patients in Upper Egypt, MK Ghanem, NEHM Imam, HA Rashed, AE EIDin - *European Respiratory Journal*, 2015
36. Respiratory health hazards among laundry worker at Assiut University Hospitals, Ayah Atef Alkarn, Hussein Hassan Zayet, Eman Morsy Mohammed, Hebat-Allah Gamal El-Din Rashed, Ahmed Atef Alkarn, *European Respiratory Journal* 2017 50: PA122

PRESENTATIONS AND POSTERS

1. Comparison of Different Phenotypic and Molecular Methods for Detection of Methicillin-Resistant *Staphylococcus aureus* in Intensive Care Patients. **C-015**, ASM conference 2011 New Orleans ,21-24 May 2011
2. Improved Screening strategies for tubal factor infertility for Egyptian patients. ASM conference, Denver, 18-21 May 2013

CONFERENCES AND WORKSHOPS

1. Participation in the 1st Arab Congress Advanced Laboratory Technology , The Quest for the Best . The Egyptian society of laboratory medicine (ESLM) 20-22 April 2002
2. Participation in the 21TH annual conference of Faculty of Medicine- Assiut university 25-27 March 2003
3. Participation in the 2nd annual Congress of Internal Medicine - Controversial aspects in Gastroenterology and liver Diseases Faculty of Medicine- Assiut university 17-18 February 2004
4. Participation in the first annual conference of clinical pathology department in collaboration with Egyptian society of laboratory medicine on new trends in laboratory medicine 24-25 February 2004 - Assiut university
5. Participation in the XV Annual conference of the Egyptian society of laboratory medicine collaboration with Egyptian society of Nephrology Laboratory guidelines in renal disease 30-31 March 2004
6. Professional Certificate In Nosocomial Infection Control (Institute of Quality Management- AUC)
7. Participation in the 9TH annual scientific of Clinical Pathology dept with Egyptian Society of Hematology (New Concepts in Hematology) 9 March 2004
8. Participation in the 23TH annual conference of Faculty of Medicine- Assiut university 7-10 March 2005
9. Participation in 8th annual conference of gastroenterology & Liver Diseases Faculty of Medicine- Assiut university 22-23 March 2005
10. Participation in the XVI Annual conference of the Egyptian society of laboratory medicine collaboration with Egyptian society of applied endocrinology. - Obesity : A Global Health problem –Laboratory Implications 23-24 March 2005
11. Participation in 2rd Annual Conference of Clinical Pathology Department in Collaboration with Egyptian Society of blood Transfusion and Therapy and Egyptian Society of Pediatric Hematology and Oncology , Clinical Pathology Update 13-15 September 2005
12. Participation in 3rd Annual Conference of Clinical Pathology Department in Collaboration with World Federation of Hemophilia (WFH) ,Egyptian Laboratory Medicine (ESLM) and the Egyptian Society of Clinical Pathology of Upper Egypt , Clinical Pathology Update 4-5 February 2006
13. Participation in the XVII Annual conference of the Egyptian Society of laboratory medicine – Recent Advances in Laboratory Medicine 22-23 March 2006
14. Attendance of in Work shop of clinical microbiology- (Bacterial Challenge in Routine work) Clinical & chemical Dept Kasr Al Aini 18-19 April 2006
15. Participation in the 9TH annual scientific Conference of Gastroenterology & Liver Disease (Feb 21-22 2006)
16. Participation in the 18TH annual conference of the Egyptian society of laboratory Medicine – The laboratory from Self evaluation to accreditation March 21-22 2007, Cairo
17. Participation in the 2nd Annual conference of the Egyptian association of viral hepatitis in collaboration with the national committee for control of viral hepatitis 20-21 November 2017
18. Participation in 11th annual scientific conference of gastroenterology & liver disease May 6-7 2008 Assiut University
19. Attendance of the 12th annual conference of the Egyptian Association of immunologists November 26-26th 2008 Ein Al Sokhna, Egypt
20. Participation in the 4th annual conference of clinical pathology department in collaboration with Egyptian Society of hematology , Egyptian Society of Laboratory Medicine(ESLM) & Egyptian Society of clinical

pathology of upper Egypt 17-18 February 2009

21. Attendance of the XX annual conference of the Egyptian Society of Laboratory Medicine- Seeking Excellence in laboratory practice 28-30 March 2009
22. Attendance of the 7th FAIS Conference Bridging Africa and fostering international development capacity building cooperation immunology and research 8-11 November 2009 Sharm El Sheekh , Egypt
23. Attendance of the scientific activities of workshop – Polymerase chain reaction (PCR) and gene expression explanation and application 14-15 December 2010
24. Attendance and Participation in the 1st annual scientific conference of the clinical & chemical Pathology department - Cairo university 31 March-2 April
25. Participation in the 28th annual conference of Faculty of Medicine- Assiut university 20-23 March 2010 .
26. Participated in the 5th annual conference of Egyptian Society of clinical pathology of upper Egypt in collaboration with Egyptian society of hematology. 24-25 February 2010 Horus resort conference center, Mina, Egypt
27. Attendance of the 7th international conference of the Egyptian Society of hematology & Research October 13-14 2010 Ramses Hilton Cairo
28. Attendance of the American Society of Microbiology conference, May 21-24, 2011 New Orleans and Presenting a poster titled Comparison of Different Phenotypic and Molecular Methods for Detection of Methicillin-Resistant *Staphylococcus aureus* in Intensive Care Patients
29. Attendance an advanced workshop in Student Assessment Medical Education, 25-26, September, Assiut Medical Education development center
30. Attendance an advanced workshop in teaching methods in medical education, 8-9 April 2013 Assiut Medical Education development center
31. Attendance of the 2nd Annual conference of integrated medicine & sleep disorders society 13-15 November 2013
32. Attendance of ASM 2013 general meeting in Denver, Colorado May 18-21 2013 and presenting a poster titled Improved Screening Strategies for Tubal Factor Infertility for Egyptian Patients 2014
33. Attendance of The 6th annual scientific conference of clinical pathology department 5-7 march 2014 (Assiut university).
34. Participation in the 30th annual conference of Faculty of Medicine- Assiut University, 26-29 April, 2014
35. Participation in the 26th annual conference of the Egyptian society of laboratory Medicine – Laboratory Medicine digging for more Treasures April 18-20 2015- Cairo international convention center
36. Certificate of Completion the workshop of Basic Infection Control Practices in hospitals 15-20 August 2015
37. Participation in the 7th annual meeting of Infection prevention and control, Zero level surgical site Infection 4th of May 2015
38. Certificate of Completion, workshop on Implementation of Bloodstream Infection Surveillance In Intensive Care units done by CDC-Egypt Assiut- Egypt 6 - 21 January 2016
39. Certificate of Completion workshop on Advanced Infection Control practices in hospitals done by CDC-Egypt Assiut- Egypt 6-10 March 2016
40. Certificate of Completion of WHO training course (24 Training hours) held on 1-4/ 10/2016 in Marriott Hotel on the following Soft skills (Communication Skills change Management & Habits to Success)
41. Certificate of Completion of WHO training course (50 Training hours) held on 2-3/ 8 /2016 in Fairmont Hotel on the following TOT Basic Infection Control

42. Participation in the 27th annual conference of the Egyptian society of laboratory Medicine – Smart moves to Laboratory excellence and perfection April 19-21 2016 ,Cairo International convention center (CICC) Cairo, Egypt
43. Certificate of Completion of WHO training course (50 Training hours) held on 1-4/ 10/2016 in Semiramis Hotel on the following Advanced Infection Control
44. Speaker in the Gut Microbiota in Health and Disease Symposium organized by Dept of tropical Medicine - Assiut University with a title (Assessment of Gut Microbitoa) - 28 November 2016
45. Participation in world hand hygiene day held on 18 May 2017 -Fairmont Nile towers hotel
46. Participation in Workshop of stool preparation and examination 28-30 March 2017 - Clinical pathology Dept. Assiut University
47. Certificate of active participation for the workshop of Quality Assurance System in Clinical Microbiology Laboratories done by CDC-Egypt Assiut University 17-18 September 2017
48. Participation in Biorisk Curriculum Development Work shop for universities 9-12 April ,2017 with Sandia national Laboratory (USA)
49. Participation in a scientific course Which includes the following courses (Orientation to Biorisk management, Biorisk characterization and Evaluation and Strategies for effective & Sustainable Training 14-18 January 2018 Cairo, Egypt with Sandia national Laboratory (USA)
50. Participation in University Health Hospitals Training Capacity Development Project (Part II) Advanced Trainer Work shop 1-16 April, 2018 Marrakech, Morocco with Sandia national Laboratory (USA)

RECOGNITION AND AWARDS

1. Appreciation and Honors Award from the Faculty of Medicine at Assiut University for helping getting the faculty accredited from the national association of quality education in Egypt.
2. Recognition from the University Hospitals for the International Day of AIDS
3. Appreciation and Honors Award from the Department of Tropical Medicine, Assiut University
4. Appreciation and Honors Award from Assiut University Hospitals for supporting the capacity medical program for physicians
5. Appreciation and Honors Award from the Faculty of Medicine, Assiut University for effort spent in preparing for the 5th monthly scientific symposium
6. Appreciation and Honors Award from the higher committee for infection prevention and control
7. Appreciation and Honors Award from the 21st Annual Conference of the Faculty of Medicine, Assiut University
8. Appreciation and Honors Award from the Department of Tropical Medicine for supporting Scientific Research Activities in the Department

THESIS AND DISSERTATION COMMITTEES

Have Supervised the Master's Theses Completed by theF Students:

1. Ahmed Rashad Eid
2. ElShymaa Hamdy Ahmed Hussien
3. Ayaat Bekhit
4. Rasha Kamel Ibrahim
5. Randa Raef Radwan
6. Soha Mohamed Abdel-Raouf
7. Mohamed Nabil Khidr

8. Mohamed Ahmed Abdel-Malak Mahmoud
9. May Ahmed Mohamed Hashem

Have Supervised Doctoral Dissertations Completed by the Following Students:

1. Ahmed Farouk ElSayed Hassnien
2. Assmaa Omar Ahmed Mohamed
3. Amal Mohamed Hosney Alam Eldin Mahmoud
4. Hanan Sayed Aoud
5. Rasha Refaat Abdelhamied Hasnien
6. Salma Ahmed Abdel Moniem
7. Abeer Ahmed Mokhtar
8. Lamyaa Hassan Abdel All
9. Basma Khery Ali
10. Nahed Ahmed Ali Hassan
1. Ebtsaam Shouky Ahmed Hasnien

Currently Supervising the Graduate Studies of the Following Students:

1. Amany Hamdy Radwan Abdelhamied
2. Hanan Galal El Khateeb
3. Asmaa Mohamed Abd Elaziz
4. Noha Omer Said Khale

Served/Serving as a Member in the Master's Dissertation Committees of the Following Students:

1. Mohamed Ahmed Abdel-Malak Mahmoud
2. Rasha Kamel Ibrahim
3. Ayaat Bekhit
4. Soha Mohamed Abdel-Raouf
5. Sarah Mohamed Ahmed Alam el Din
6. Mohamed Ashraf Osman

Served/Serving as a Member in the Doctoral's Dissertation Committees of the Following Students:

1. Assmaa Omar Ahmed Mohamed
2. Amal Mohamed Hosny Alam Eldin
3. Soleman Assem Mohamed
4. Heba Ahmed Hashem
5. Basma Khery Ali
6. Shouky Ahmed Hasnien

VOLUNTEERING ACTIVITIES

- 2005-Present: President Elect of Charity Organization "Giving without Limits" (عطاء بلا حدود)