# **CURRICULUM VITAE**

# **Eman Reda Mohammed Badawy**

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**I. GENERAL INFORMATION:**

***A. EDUCATION***

**June 2018 PhD**

 **Major: Clinical Pathology**

 **Minor: Immunology.** Thesis entitled: “Natural Killer Cell Profile and

 Its Receptors Interaction with HLA-C in the Therapeutic Outcome of

 HCV Infection”

**June 2012 MS**

 **Major:** Clinical Pathology. Thesis entitled: “Cell Cycle Abnormalities in Leukemia”. School of Medicine, Assiut University, Assiut, Egypt.

**Sep. 2007 MD**

**Honors:** Graduated with average accumulative grades of excellent with Honors, School of Medicine, Assiut University, Assiut, Egypt.

***B. PROFESSIONAL APPOINTMENTS***

**July 2018 till now** **Lecturer of Clinical Pathology,** Clinical Pathology Department, School of Medicine, Assiut University, Assiut, Egypt.

**Aug. 2012 – June 2018 Assistant Lecturer of Clinical Pathology,** Clinical Pathology Department, School of Medicine, Assiut University, Assiut, Egypt.

**Mar 2012 – July 2012 Demonestrator of Clinical Pathology,** Clinical Pathology Department, School of Medicine, Assiut University, Assiut, Egypt.

**Mar 2009 – Feb 2012 Resident of Clinical Pathology**, Clinical Pathology Department, Assiut University Hospitals, Assiut, Egypt**.**

**Mar 2008 - Feb 2009 Clinical Internship**, Assiut University Hospitals, Assiut, Egypt.

**II. RESEARCH**

***A. PUBLICATIONS***

**Published Papers:**

1. " Cell Cycle Abnormalities in Leukemia " 2012, Assiut university library, Egypt.
2. Effect of Combined HCV Therapy on Natural Killer Cell Activity. 2019. The Egyptian journal of Immunology. Volume 26 (1), pages 151-161.
3. Is It Useful to Measure Serum Ferritin Level in Systemic Lupus Erythematosus Patients? The Egyptian Rheumatologists, January 2020, Volume 42, Issue 1, pages 17-21.
4. Detection of hearing loss in rheumatoid arthritis patients using extended high frequency audiometry: Is it related to disease activity and severity?, The Egyptian Rheumatologists, June 2021, Volume 43, Issue 3, pages 219-224.
5. [Emerging Value of Platelet-to-Hemoglobin Ratio and Monocyte-to-Hemoglobin Ratio in Assessment of Rheumatoid Arthritis Patients](https://scholar.google.com.eg/scholar?oi=bibs&cluster=14488222974780140663&btnI=1&hl=en)

ER BADAWY, NM GAMAL, A GHEITA - The Medical Journal of Cairo University, 2021

1. [Area postrema syndrome in neuromyelitis optica spectrum disorder: diagnostic challenges and descriptive patterns](https://scholar.google.com.eg/scholar?oi=bibs&cluster=424992931061218558&btnI=1&hl=en)

EM Khedr, HM Farweez, N Abo Elfetoh, ER Badawy… - The Egyptian Journal of Neurology, Psychiatry and Neurosurgery, 2021

1. [Collagen triple helix repeat containing 1 (CTHRC1) protein: A promising biomarker for evaluation of rheumatoid arthritis patients](https://scholar.google.com.eg/scholar?oi=bibs&cluster=13063463597935665412&btnI=1&hl=en)

ZI Selim, RM Gamal, LA Araby, ER Badawy, NM Gamal - The Egyptian Rheumatologist, 2022

1. [Clinical utility of urinary soluble CD163 in evaluation of lupus nephritis patients](https://scholar.google.com.eg/scholar?oi=bibs&cluster=2465434773309175665&btnI=1&hl=en)

NM Gamal, ER Badawy, EA Talaat, HM Ibrahim… - The Egyptian Rheumatologist, 2022

1. [Radiological characteristics of neuromyelitis optica spectrum disorder in Egypt](https://scholar.google.com.eg/citations?view_op=view_citation&hl=en&user=WBpLHlsAAAAJ&citation_for_view=WBpLHlsAAAAJ:zYLM7Y9cAGgC)

 A Nasreldein, H Farweez, N Abo Elfetoh, ER Badawy, DM Mahmoud,

Clinical and Experimental Neuroimmunology 2022

1. Evaluation of diagnostic performance of a rapid antigen test in diagnosing COVID-19

 Eman R. Badawy, Azza M. Ezz El-Din and Randa A. El Zohne. The Egyptian Journal of

 Immunology Volume 30 (1), 2023: 14–19. www.Ejimmunology.org

1. Assessment of COVID ‑19 associated coagulopathy and multiple hemostatic markers: a single center study in Egypt. Azza Abdelaal, Ahmed Abu‑Elfatth, Lamees M. Bakkar, Hanan G. Abd El‑Azeem, · Helal F. Hetta, Eman R. Badawy. Infection <https://doi.org/10.1007/s15010-022-01917-5>. Published online 22 september 2022

***B. AREAS OF RESEARCH INTEREST***

 Clinical Immunology

***C. ADDITIONAL TRAINING:***

**1-Training records \* (workshops- seminars-conferences)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| N | Year | Training Title  | Duration/days  | Training Providers | Remarks  |
| 1 | 2004 | 1st Conference of Otralaryngology  | 2 |  |  |
| 2 | 2009 | 4th Annual Scientific Conference of Clinical Pathology Department | 2 | Clinical Pathology Department |  |
| 3 | 2010 | Annual Conference of The Egyptian Society of Haematology | 2 | Egyptian Society of Haematology |  |
| 4 | 2010 | The 5th Annual Conference of Egyptian Society of Clinical Pathology of Upper Egypt | 2 | Egyptian Society of Haematology |  |
| 5 | 2012 | 29th Annual Conference of Faculty of Medicine | 4 | Faculty of Medicine- Assiut University |  |
| 6 | 2014 | New Practical Application Of 8 Color Flow Cytometry Workshop | 2 | South Egypt Cancer Institute |  |
| 7 | 2015 | Diabetes Related Morbidity and Mortality (Scientific Meeting) | 1 | Faculty of Medicine- Assiut University |  |
| 8 | 2015 | Acute Abdomen (Scientific Meeting) | 1 | Faculty of Medicine- Assiut University |  |
| 10 | 2016 | Bone Marrow Transplantaion Workshop | 4 | South Egypt Cancer Institute |  |
| 11 | 2016 | Flow Cytometry Workshop | 1 | South Egypt Cancer Institute |  |
| 12 | 2016 | HLA Workshop | 3 | South Egypt Cancer Institute |  |
| 13 | 206 | 8th Annual Scientific Conference of Clinical Pathology Department | 4 | Clinical Pathology Department |  |
| 14 | 2018 | 10th Annual Scientific Conference of Clinical Pathology Department | 4 | Clinical Pathology Department |  |

**2- Certificates and Achievements**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| N | Year  | Certificate Title  | Duration/days  | Training Providers | Validity  | Attachment |
|  | 2010 | ICDL certificate |  | Ministry of Communications and Information Technology |  |  |
|  | 2012 | Student Evaluation | 2 | FLDC-Assiut |  |  |
|  | 2012 | Research Team Management | 2 | FLDC-Assiut |  |  |
|  | 2012 | International Publishing of Research | 2 | FLDC-Assiut |  |  |
|  | 2012 | Time and Conference Management | 2 | FLDC-Assiut |  |  |
|  | 2012 | Effective Presentation | 2 | FLDC-Assiut |  |  |
|  | 2013 | How to write a project "STDF" |  | FLDC-Assiut |  |  |
|  | 2014 | Occupational Health and Safety | 3 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |
|  | 2014 | Understanding and Implementing ISO 15189:2012 | 4 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |
|  | 2014 | Uncertainty of Measurements in Medical Laboratories | 2 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |
|  | 2014 | Internal Quality Control in Medical Laboratories | 2 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |
|  | 2015 | Internal Audit in Medical Laboratories | 4 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |
|  | 2016 | Conference organization | 2 | FLDC-Assiut University |  |  |
|  | 2017 | Quality standards in teaching1 | 2 | FLDC-Assiut University |  |  |
|  | 2017 | دورة اعداد المعلم | 6 | Assiut University |  |  |
|  | 2018 | Role of proficiency testing in medical laboratories | 3 | Umbrella Organization for Systems and Consultancy Services (UOSCS) |  |  |

***D. TECHNICAL SKILLS***

**Clinical Laboratory Skills:**

I have a background as a general clinical pathologist with 3 years of experience that gave me the opportunity to master most of the diagnostic techniques and procedures used in the clinical pathology laboratories including Hematology laboratory, Blood Bank, clinical chemistry laboratory, microbiology laboratory, immunology laboratory and molecular diagnostics laboratory.

Currently my clinical interest is focused in the immunodiagnostics and serological and molecular diagnosis of infectious diseases.

 **Methods and technique that I used and have been using in my research work:**

* Imaging using fluorescence microscope
* Real time RT-PCR
* ELISA
* Flow cytometry: