Curriculum Vitae

Personal Details

Name: Hanan Mostafa Mostafa Mohamed.
Date of Birth: 7/5/1972
Country of Birth: Alexandria, Egypt.
Marital Status: Married, has two daughters.
Job: Professor of Internal Medicine (Hepatology and Gastroenterology), Beirut Arab University, Faculty of Medicine, Beirut, Lebanon.

Contact

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Affiliation……

Alexandria University, Medical Research Institute, Internal Medicine Department. Hepatology and Gastroenterology and Endoscopy unit.

Qualification

- **Ph.D.**, of Internal Medicine, Faculty of medicine, Alexandria University 2008

Thesis title: Colonic mucosal changes in patients with liver cirrhosis and portal hypertension: their relation to portal hemodynamics.

- **M.Sc.**, of Internal Medicine, Faculty of medicine, Alexandria University 2001.

Thesis title: Insulin and Glutamic acid decarboxylase antibodies in chronic hepatitis C patients with diabetes mellitus

- **MBBCH** September 1996 Faculty of Medicine Alexandria University.

Appointments

- Professor of Internal Medicine (Hepatology and Gastroenterology), Medical Research Institute, Alexandria University 2022
- Assistant professor of Internal Medicine (Hepatology and Gastroenterology), Medical Research Institute, Alexandria University 2015.
- Lecturer of Internal Medicine (Hepatology and Gastroenterology), Medical Research Institute, Alexandria University 2009.
- Assistant lecturer of Internal Medicine (Hepatology and Gastroenterology), Medical Research Institute, Alexandria University 2004.
- Demonstrator of Internal Medicine (Hepatology and Gastroenterology), Medical Research Institute, Alexandria University 2002.
- Resident of Internal Medicine from March 1999 till March 2002 at Medical Research Institute, Alexandria University.
- House officer from March 1997 till February 1998 at Faculty of Medicine, Alexandria University.

Courses taught:

1. Clinical examination course for medical students of the faculty of medicine (3^{rd},4^{th} &5^{th} degree).
2. Internal medicine course for master in chemical pathology
3. Internal medicine course for master and doctor in pathology
4. Clinical examination course for master and diploma in pain management.
5. Clinical examination course for doctor in clinical hematology.
6. Internal medicine course for master and doctor in Hematology
7. Practical upper and lower gastrointestinal endoscope training course
8. Gastroenterology course for students of clinical pharmacy (5^{th} degree)
9. Diploma in preventive hepatology &gastroentrology

Publication:

1. Basma Abdulsamad,Mohamed Afifi,Ashraf K.Awad,Waleed Elbendary,Hanan Moustafa,and Bassem Elsherbini.Effect of Direct Acting Antiviral (DAAs) on Meyloid –Derived suppressor cells population in Egyptian chronic hepatitis C virus patients:A potential Immunomodulatory Role of (DAAs).Viral Immunology 2023.May;36(4):259-267.

2. Amal A. Mohamed, Sherief Abd-Elsalam, Hanan M. Mostafa, Asmaa Abdalla, Ahmed Farouk, Ahmed M. Aref,Reham A.A. Elshmiy, Eman ElSayed, Nevine
   F. Shafik, Maha O. Mahmoud, Moustafa Al-Daly and Mariam S.Zaghloul.Vitamin D Receptor Gene Polymorphisms and the Risk of Chronic Hepatitis C Related Hepatocellular Carcinoma in Egyptian Population. The Open Biomarkers Journal, 2021; Volume 11,79-85
3. Hanan Moustafa, Marwa Madkour, Fathi Hamed, Salma Abouelnazar,Reham
   Abo Elwafa, and Mai Moaaz. Modulation of Memory B Cell Phenotypes and Toll-Like Receptor-7 in Chronic Hepatitis C Virus Infection During DirectActing Antiviral Interferon-Free Therapy:Correlation with Interleukin-7. VIRAL IMMUNOLOGY, 2021(May); 34(4):227-240.
4. Ahmed Gaballah, Iman Salah Naga, Mariam Salah Zaghloul, Hanan Mostafa Mostafa, Ahmed Noby.Changes In The Co-Expressions Of Interleukin 29 (IL-
   29), IFN-Inducible Protein 10 (IP-10) And Monokine Induced By Ifnγ(MIG) Genes In Chronic Hepatitis C Egyptian Patients Untreated And Treated With DAAs. Acta Virol. 2021;65 (2):141-148.

5. Elsaied Hassan Ibrahim,Mohamed Ahmed Elbealy , Abeer Abdelhafeez Nassar ,Hanan Mostafa Mostafa. Study of the Effect of Sofosbuvir Based Therapy on Estimated Glomerular Filtration Rate in Egyptian Chronic Hepatitis C Patients. Journal of the Medical Research Institute (JMRI) , 2021; Vol. 42 No. 2

6. Rasha I. Salama, Mohamed H. Emara, Hanan M. Mostafa, Sherief AbdElsalam,Sherein Mohamed Alnabawy, Samah A. Elshweikh, Mariam Salah
Zaghloul (2019): Helicobacter pylori infection and risk of salmonella infection Medicine. Medicine.98:6

7. Amany A. Ghazy, Eman M. Osman, Eman A. Rashwan, Ahmed H. Gaballah,Hanan Mostafa, Salwa Tawfik (2019): Relation between microRNA-21, transforming growth factorβ and response to treatment among chronic hepatitis C patients. J Med Virol.; 1-8.
8. Dalia Elsayed Metawlly , Ahmed Noby Amer , Hanan Mostafa Mostafa , Gamal El Din Elsawaf ,Ola Abd El Kader (2018). Low cost detection of hepatitis C virus RNA in HCV infected patients by SYBR Green I real-time PCR. Alexandria Journal of Medicine; 54: 481–485
9. Abeer Ghazal, Hanan Mostafa Mostafa , Mariam S. Zaghloul Absence Of HCV RNA From the Peripheral Blood Mononuclear Cells Is APredictor Of Good Response After Treatment Of Egyptian Chronic Hepatitis C Patients With Sofosbuvir Based. Journal of the Medical Research Institute JMRI, 2017; Vol. 38 No. 2: (36-41)
10. Gamal El Din A. Elsawaf , Ola Abd El Kader , Sherine M.Shawky, Hanan M. Mostafa and Hafez H.Alsumairy.Impact of occult hepatitis B virus infection on antiviral therapy in chronic hepatitis C patients. Alexandria Journal of Medicine 2015.
11. Salwa H. Gomaa, Mohmed Ahmed Abdel Mohsen, Hanan Mostafa Mostafa, and Mohamed Abd El Rahman Ahmed.Interleukin 28B rs12979860 polymorphism and High serum Gamma-glutamyl transpeptidase activity Predict Non - Virological response to Interferonalpha/Ribavirin Combined Therapy in Chronic hepatitis C genotype 4 Egyptian patients. International Journal of Current Microbiology and Applied Sciences .Vol. 4 No. 4 (2015) pp. 306-320
12. Samir Ali Abd El-Karеam, Samia Abd El-Monem, Gehan Ibrahim Khalil, Hanan Mostafa Mostafa. Serum Retinol Binding Protein-4 and Insulin Resistance in Post-menopausal Women with Cardiovascular Disease. Am. J. Biomed. Sci. 2015, 7(2).
13. Gihane I Khalil ,Hanan M. Mostafa &Fatma I. Dwidar.Diagnostic Potential of Osteopontin Bbiomarker in Irritable Bowel Syndrome. Alexandria Journal of Hepatogastroentrology 2014;16(3):1-12.

14. Hanan Mostafa, Gihane I Khalil and Gihan Shehata.Comparing the Effect of Increased Body Mass Index, Fatty Liver and Insulin Resistance on Chronic Hepatitis C Treatment Outcome. Egyptian Journal of Obesity, Diabetes and Endocrinology 2013; 3(1): 2-8
15. Elsaid Hassn Ibrahim, Gamal Ahmed.Badr, Hanan Mostafa. Mostafa, Noha Mohamed Ragab, Gihane Ibrahim Khalil& AliaSamyHindawy·Prevalence of Helicobacter Pylori in Diabetes Mellitus Patients with Non Ulcerative Dyspeptic Symptoms and Its Relationship to Glycemic Control and Microalbuminuria. J. of the Egypt. Soc. Endocrin., Metab. & Diab. 2013 (July) ;45(2) : 33 - 4
16. Moyassar Ahmed Zaki,Gihane Ibrahim Khalil, Amel Abd El-Fattah Kamel And Hanan Mostafa Mostafa.Serum zinc alpha-2 glycoprotein level is decreased in Egyptian fatty liver patients with chronic hepatitis-C infection. The Egyptian Journal of Laboratory Medicine 2013; 25 (3):305314.
17. Ola Abd El Kader, Ghada Fahmy Helaly,Gamal El-Sawaf, Hanan Mostafa Mostafa,Amel Gaber Elsheredy.Evaluation of HCV Genotypes/ Sub-Genotypes as Predictors of Rapid Virologic Response to Pegylated Interferon and Ribavirin among Egyptian Patients ***with*** Chronic HCV Infection. Journal of the Medical Research Institute 2012; 33 (2): 60-9
18. Hanan Mostafa, Osama Elkholi and Ayman ElShayeb.Assessment of fatigue and psychological manifestations in chronic hepatitis C patients during Pegylated interferon therapy. Journal of Medical Research Institute 2011;32 (1): 10-16

Supervision of Thesis

Master Degree

1. **Thesis title:** Serum zinc alpha 2 glycoprotein level in non alcoholic fatty liver patients with and without hepatitis C virus infection.
2. **Thesis title**: Serum retinol binding protein 4 and its association with insulin resistance in post menopausal women with cardiovascular diseases
3. **Thesis title**: Lead as a risk factor of hepatocellular carcinoma (HCC) through biochemical study in the HCV infected patients.

4. **Thesis title**: Comparison between Taqman probe and Sybr green method in diagnosis and follow up HCV patients
5. **Thesis title**: Comparison of real time polymerase chain reaction using SYBR Green I dye with Taqman probe technique (Artus HBV PCR(commercial assay)) for the detection of hepatitis B virus DNA in serum samples.
6. **Thesis title**: Comparison between the persistence of HCV RNA in the serum and mononuclear cells of patients during the treatment with ribavirin and interferon.
7. **Thesis title:** Irritable Bowel Syndrome :Is It an inflammatory disease?
8. **Thesis title** :Prevalence of Helicobacter Pylori in DiabetesMellitus Patients with Non Ulcerative Dyspeptic Symptoms and its Rlationship to Glycemic Control and Microalbuminuria
9. **Thesis title** :Influence of Interleukin 28B Gene Polymorphism and Some
   Host Related Factors on Interferon/Ribavirin Therapy Response in Egyptian Chronic Hepatitis C Patients
10. **Thesis title :**Study of the Association between Interleukin-28B Gene
    Single Nucleotide Polymorphism (rs8099917) and The Response to Pegylated Interferon and Ribavirin Combined Therapy in Egyptian Patients Chronically Infected with Hepatitis C Virus
11. **Thesis title *:*** Colloid Imaging versus Liver Biopsy and Polymerase Chain Reaction in Patients with Chronic Hepatitis C prior to Antiviral Therapy
12. **Thesis title :**The Expression of Interleukin 29 and IFN-Inducible Protein-10 (IP-10) in Chronic Hepatitis C Patients
13. **Thesis title** :The expression of interleukin 29 and monokine induced by
    IFN-g (MIG) in chronic hepatitis C patients
14. **Thesis title** : **S**tudy of the Effect of Sofosbuvir Combination Therapy on
    Estimated Glomerular Filteration Rate in Egyptian Chronic Hepatitis c Patients

15. **Thesis title** :**Study the prognostic role of HBVRNA in association with Myeloid derived suppressor cells population in chronic HBV infection**
16. **Thesis title** : The study of the effect of HBV treatment and Myeloid derived suppressor cells population on pregenomic RNA of HBV.
17. **Thesis title** :Role of myeloid derived suppressor cells in chronic hepatitis B virus infection and its response to therapy.
18. **Thesis title** : Study ofvascular endothelial growth factor(VEGF) and microRNA in Egyptian HCV patients after treatment withsofosbouvir.

Doctor Degree

1. **Thesis title:** Evaluation of HCV genotypes & sub genotypes and interferon sensitivity determining region (NS5A) as predictor of rapid virological response to pegylated interferon and ribavirin among HCV Egyptian patients.
2. **Thesis title:** Impact of occult hepatitis B virus infection on antiviral therapy in chronic hepatitis C**.**
3. **Thesis title :**The relation between programmed cell death-1 expression on regulatory T cells and the frequency of Th17 effectors cells in Egyptian chronic hepatitis C virus patients:Implication of the immunomodulatory effects of pegylated interferon alpha and ribavirin
4. **Thesis title**: study the immunomodulatory effects of frequency of peg interferon alpha and ribavirin on expression of T cell Ig and mucin domain protein-3 [Tim-3] on regulatory T cells and the frequency of Th17 effector cells in Egyptian chronic HCV patients.
5. **Thesis title :**The relation between cytotoxic T lymphocyte-associated antigen-4 expression on regulatory T cells and the frequency of Th17 effectors cells in Egyptian chronic hepatitis C virus patients: Implication of the immunomodulatory effects of pegylated interferon alpha and ribavirin
6. **Thesis title**: Assessment of IL28BPolymorphism and concomitant viral infection in prediction of treatment response in chronic hepatitis C patients in Alexandria.

7. **Thesis title :**Study of micro RNA-21 and micro RNA-196 expression and their relation to outcome of Sovaldi® treatment among chronic hepatitis C patients
8. **Thesis title :S**tudy the Relation Between Non Alcoholic Fatty Liver Disease and Gastroesophageal Rreflux Disease in Obese and Non Obese Dyspeptic Patients
9. **Thesis title** : Study of the association of uromodulin promoter region risk haplotype and the development of diabetic nephropathy in Egyptian patients with type 2 diabetes mellitus.

Experiences:

- **20years experience in:**
    1. Upper gastrointestinal Endoscopy and esophageal band ligation and injection sclerotherapy.
    2. Lower gastrointestinal Endoscopy.
    3. Ultrasound Abdomen and Doppler.
    4. Ultrasound guided liver biopsy

- **12 years Experience in the following up and treatment of patients with chronic HCV in the national project of treatment chronic HCV**

Others:

1. Investigator in the project title, Hepatitis C Virus- Associated Thrombocytopenia in Egypt: Study of Etiology and Response to Danazol therapy.(2009)
2. Investigator in the project title, Female health, early detection of cancer breast.(2009)
3. Investigator in the project title: Genetic Polymorphism of IL28B as predictor of response to interferon in chronic HCV patients.(2010)
4. Investigator in the project title , Cytovirin clinical trial (2011)
5. Member of the scientific committee of the medical Research Institute

6. Speaker in the monthly scientific meeting of the medical Research Institute.
7. Member of the quality assurance unite of the Medical Research Institute.
8. Member of the internal audit group the quality assurance unite of the Medical Research Institute.
9. Member of the organizing committee of the 16th and 17thConference (4th an 5th International) of Medical Research Institute. Advance in medical research. Quality in medical education and practice. Alexandria, Egypt.
10. Member of the Alexandria committee of endoscopy and GIT motility, hepatic and pancreatic diseases.