

Mohamed Mahmoud Zakaria El Kassas, M.D

Associate professor of Endemic Medicine and Hepato-Gastroenterology

Acting chief of Endemic Medicine and Hepato-Gastroenterology Department,

Faculty of Medicine, Helwan University

Director of University International Ranking Unit, Helwan University

Director of University Research Support Center, Helwan University

Member of Specialized Scientific Council for Medical Research, ASRT

President of Egyptian Association for Research and Training in HepatoGastroenterology (EARTH)

30 Murad Street, Al Ahly Medical Tower, clinic number 205, Giza.

Postal Code: 12511

Cellular: (+2) 01114455552- (+2) 01223417561

E-mail: m_elkassas@yahoo.com m_elkassas@hq.helwan.edu.eg

Education

- M.D. degree in Tropical Medicine, Kasr Al-Ainy School of Medicine - Cairo University. (2007-2011). Thesis was on (Possible role of Caspase Recruitment Domains in hepatic carcinogenesis).
- PG Diploma degree in Clinical Research, University of Liverpool, United Kingdom, (2012-2016).
- Master degree in Tropical Medicine (Very good grade), Faculty of Medicine – Ain Shams University (2004-2006). Thesis was on (Effect of body mass index, diabetes mellitus and hepatic steatosis on response to peg-interferon therapy in chronic HCV patients genotype 4 in Egypt).
- Postgraduate diploma in Hospital Management, Faculty of Commerce, Ain Shams University (2005-2006) in June 2006.

Language Skills

- Excellent command of spoken and written Arabic and English.
- Passed IELTS test (International English Language Testing System) exam with overall band score 6 from British Council, Egypt in October 2003.
- Passed TOEFL exam with a score 613 in January 2006.
- Sufficient command of spoken and written French.

Professional experience

- House officer in Kasr Al-Aini hospitals, Ahmed Maher hospital, Al-Galaa hospital and Boulak hospital.
- I.C.U resident in Damietta general hospital for 4 months (Marsh –June 2003).
- Resident, hepato–biliary and gastro–intestinal diseases, Liver Department, National Hepatology and Tropical Medicine Research Institute. June 2003 till April 2006.
- Specialist, senior registrar, hepato–biliary and gastro–intestinal diseases, Liver Department, National Hepatology and Tropical Medicine Research Institute, April 2006 till November 2010.
- Consultant, Hepatogastroenterology, National Hepatology and tropical Medicine Research Institute from November 2010 till now.
- Member and executive manager of Liver Disease Research Unit in collaboration with the University of Maryland, University of Georgetown, and ANRS (Agencenationale de recherchessur le sida et les hépatitesvirales) since May 2004.
- Specialist, Hepato–Biliary and Gastro–Intestinal diseases in sphinx special hospital (a private hospital in Al-Haram Street) from March 2003 till October 2006.
- Diagnostic and Therapeutic Esophago-gastroduodenoscopy, Gastro-intestinal and Hepato-biliary Endoscopy Unit, National Hepatology and Tropical Medicine Research Institute.
- Diagnostic and interventional abdominal ultrasound, diagnostic ultrasound unit, Radiofrequency ablation for liver tumors and other abdominal ultrasonographic interventional techniques, National Hepatology and Tropical Medicine Research Institute.

- Registerar, hepato-gastroenterology in Yasen Abdel-Ghaffar Charity center for liver diseases (MakramEbeed, Nasr City, Cairo) from May 2005 to December 2006.
- Abdominal sonographer, Shaalan Health System Clinics, August 2006 till Mars 2007.
- Consultant, Hepatogastroenterology, Damietta Heart and GIT center, Jan 2007 till December 2014.
- Consultant, Viral Hepatitis Treatment center, Damietta Fever hospital, December 2009 till now.
- Consultant of Hepatology for Port Said Port Authority, August 2012-November 2017.
- Lecturer and trainer in Abdomino-Pelvic ultrasound Diploma organized by Arab Institute for Continued Professional Development.
- Reviewer for "Open Journal of Gastroenterology", "Advances in Infectious Diseases", "Journal of Cancer Therapy", "African Journal of Internal Medicine", "International Journal of Biochemistry and Biotechnology", "International Journal of Medicinal Plant Research", "Medicine", "Journal of Medical Virology", and "Journal of Viral Hepatitis".
- Member of the editorial board of International Journal of Immunology.
- Assistant Executive Manager for the National Committee for Control of Viral Hepatitis, Egypt from December 2006 till October 2011.
- Assistant Manager of National Hepatology and tropical Medicine Research Institute from March 2011 till June 2014.
- Lecturer of Endemic Medicine and Hepatogastroenterology department, Faculty of Medicine, Helwan University from October 20104 to March 2017.
- Academic supervisor for New Cairo Viral Hepatitis Treatment Unit, affiliated to the National Committee for Control of Viral Hepatitis since December 2014.
- Head of Gastroenterology Endoscopy Unit, University hospitals, Faculty of Medicine, Helwan University, since January 2016.
- Assistant Professor and acting chief of Endemic Medicine and Hepatogastroenterology department, Faculty of Medicine, Helwan University since March 2017.
- Co-ordinator, Ethical Review Board, Faculty of Medicine, Helwan University, since April 2017.

- Director of University International Ranking Unit, Helwan University, since December 2017.
- Member of The Global NASH Council; <https://www.cord.org/global-nash-council/>
- Director, Helwan University Research Support Center, since August, 2019.

Awards and honors

- Physician Excellency Award from Egyptian Medical Syndicate 2012.
- Cairo Physician Excellency Award from Cairo Medical Syndicate 2017.
- State Encouraging Award in Medical Sciences for the year 2016 issued by Academy of Scientific Research and Technology, Egypt.
- State Medal of Excellence of the first class, 2017.
- An-Najah University Research Award for the best Arab researcher in Natural sciences for the year 2019.

Training and Internship

- Basics of Abdominal Ultrasound Training course at Egyptian Medical Syndicate (Continued Medical Education Committee) in Cairo 2004.
- SSI-ABC Research Training Workshop under patronage of Ministry of Health and Population, ESPRI, National Hepatology and Tropical Medicine Research Institute, Egypt, and University of Maryland, Baltimore, USA and Sustainable Science Institute SSI, USA, 10-22 January, 2004, at National Hepatology and Tropical Medicine Research Institute, NHTMRI, Cairo, Egypt.
- Instructor of Basic Life support and Automated Defibrillator course in July 2005 from Egyptian Resuscitation Council certified by European Resuscitation Council.
- Grant writing workshop, October and November 2006, WHO/EMRO, Cairo, Egypt. Health Collaborative Program; NHTMRI, Swedish International Development Cooperation Agency Sweden (SIDA) and George Town University (GTU), USA.

- Immunology and Epidemiology workshop, October and November 2006, WHO/EMRO, Cairo, Egypt. Health Collaborative Program; NHTMRI, Swedish International Development Cooperation Agency Sweden (SIDA) and Pasteur Institute, Paris, France.
- Training courses in Microsoft windows, Excel, Word & Power point.
- Advanced Management Program certificate (AMP) for Executive Management, organized by Future Generation Foundation and supported by; Del Carnegie Organization, Hazem Hassan Group and Logic Group (December 2006-April 2007). Graduation project was on "Establishment of Specialized Emergency Unit in National Hepatology and Tropical Medicine Research Institute".
- Scholarship for a training course on (Seminar on Infectious Hepatitis; its epidemiology, prevention and treatment) in Japan (Kumamoto, Tokyo and Nagasaki) organized by JICA (Japan International Cooperation Agency) under the International Cooperation Program of the Government of Japan in August-September 2007.
- Training course in (Interventional Ultrasonography) in Department of Radiology and HPB surgery and transplantation at Kyoto University Hospital, Kyoto, Japan in September 2007.
- ERASMUS summer program course in Medical research, Rotterdam, Netherlands. A one month course in August 2008 with an accredited certificate in Biomedical Research.
- Research training Internship in Pasteur Institute, Paris, in September 2008.
- Advanced Ultrasonography Course, Kasr Al-ainy Hospital November 2007.
- Doppler Ultrasonography Course, Kasr Al-ainy Hospital April-May 2008.
- Continued Medical Education (CME) Course in Hepato-Gastro-Enterology and Infectious Diseases, a one year training course organized by Kasr Al-Aini School of Medicine and National Hepatology and Tropical Medicine Research institute (2011-2012).
- International course of Ultrasound in Gastroenterology and Hepatology, under the auspices of EFSUMB (European Federation of Societies for Ultrasound in Medicine and Biology), Bologna, Italy, September 2012.
- Passing the training program Middle East School of Hepatology (MESH), an accredited program by IASL for Middle East hepatologists in 2013-2014

- The 16th International Workshop on Clinical Pharmacology of HIV and Hepatitis Therapy, May 2015, Washington, USA.
- Attending the “Research Connect: proposal writing workshop”, by British Council, Newton Mosharafa program and STDF, December 2016.
- Visiting Professor for 3 weeks in Fresno Medical Centre, University of California, San Francisco, October 2017.
- Visiting observership for 3 weeks in Hepatology department, Health science centre, University of Calgary, Canada, July, 2018.
- Research ethics capacity building workshop, organized by Central Administration of Research & Health Development (RHD), MoHP Egyptian Network of Research Ethics Committees (ENREC), 22ND April, 2019.

Conferences and Scientific meetings

- All the conferences of The Egyptian Society for the Study of Liver Diseases, since 2003 till present.
- All the conferences of The Egyptian Society of Tropical, Infectious, and Parasitic Diseases, since 2003 till present.
- All the conferences of The Egyptian Association for the Study of Gastrointestinal and Liver Disease (EASGLD), since 2003 till present.
- IASL-AFASLD joint meeting, Cairo, 2006.
- DDW conference, San Diego, USA, May 2008.
- AASLD-IASL conference, San Francisco, USA, November 2008.
- DDW (Digestive Disease Week) conference, Chicago, USA, May 2009.
- UEGW/WCOG meeting, London, UK, November 2009.
- Paris Hepatitis Conference (International Conference on the Management of Patients with Viral Hepatitis), Paris, France, January 2011.
- EASL Conference, Berlin, Germany, March 2011.
- DDW Conference, Chicago, USA, May 2011.

- DDW Conference, San Deigo, USA, May 2012.
- 30th GEEW (Gastroenterology and Endotherapy European Workshop), Brussels, Belgium, June 18 - 20, 2012.
- EASL Conference, Amsterdam, The Netherlands, April 24 - 28, 2013
- 31th GEEW (Gastroenterology and Endotherapy European Workshop), Brussels, Belgium, June 17 - 19, 2013.
- Paris Hepatitis Conference (International Conference on the Management of Patients with Viral Hepatitis), Paris, France, January 2014.
- EASL Conference, London, United Kingdom, April 9-13, 2014.
- EURO-EUS Conference (Endoscopic Ultrasonography), Paris, France, April 17-18, 2014.
- EASL Conference, Vienna, Austria, April 2015.
- DDW Conference, Washington, USA, May 2015.
- UEGW conference, Barcelona, October 2015
- AASLD conference, San Francisco, USA, November 2015.
- APASL conference, Tokyo, Japan, February 2016
- EASL Conference, Barcelona, Spain, April 13-19, 2016.
- AASLD conference, Boston, USA, November 2016.
- EASL Conference, Amsterdam, Netherlands, April 19-23, 2017.
- AASLD conference, Washington DC, USA, October 2017.
- EASL Conference, Paris, France, April, 2018.
- AASLD conference, San Francesco, USA, November 2018.
- EASL Conference, Vienna, Austria, April, 2019.

International Conferences Presentations

- Giving a lecture in Paris Hepatitis Conference, January 2013.
- Chairperson in the Second Qatar Internal Medicine Conference, November 2014

- Giving a lecture in 5th African-Middle Eastern Congress on Digestive Oncology, February 6 to 8, 2015, Rabat, Morocco.
- Giving a lecture in the International Meeting on New Antiviral Regimens for Chronic Hepatitis, 15-16 May 2015, Salerno, Italy.
- Giving a lecture in Fresno Medical Center, University of California, San Francisco, October 2017

Journal reviewer

- Journal of Viral Hepatitis
- Saudi Journal of Gastroenterology
- Medicine
- BMC Infectious Diseases
- European Journal of Gastroenterology & Hepatology
- Expert Review of Infectious Diseases
- Expert Review of Gastroenterology and Hepatology
- Open Journal of Gastroenterology
- Advances in Infectious Diseases
- Journal of Cancer Therapy
- African Journal of Internal Medicine
- Journal of Medical Virology
- Arab Journal of Gastroenterology
- Clinical Gastroenterology and Hepatology
- Hepatoma Research
- Gene Reports
- Cell Biochemistry & Function
- Plos One
- Heliyon
- Egyptian Liver Journal

- Liver International

Publications

ORCID account: 0000-0002-3396-6894

Scopus author ID: 26323643100

- Abdel Alem S, Elsharkawy A, El Akel W, Abdelaziz AO, Salama RM, El-Sayed MH, **El Kassas M**, Anees M, Shedeed M, Abdelsalam F, Ziada DH, El Shazly Y, El-Serafy M, Waked I, Esmat G, Doss W. Liver stiffness measurements and FIB-4 are predictors of response to sofosbuvir-based treatment regimens in 7256 chronic HCV patients. *Expert Rev Gastroenterol Hepatol.* 2019 Aug 16:1-8. doi: 10.1080/17474124.2019.1653183. [Epub ahead of print]. PMID: 31418303.
- Alboraei M, Youssef N, Sherief AF, Afify S, Wifi MN, Omran D, Hafez E, Omar H, Eltabbakh M, Abdellah M, El Badry M, Salaheldin M, Ahmed Y, Ali-Eldin Z, Farid A, Abdeen N, El Halwagy H, Abdalgaber M, Moaz I, Ezzat S, **El Kassas M**. Egyptian liver library: An indexed database for liver disease evidence in Egypt. *Arab J Gastroenterol.* 2019 Jun;20(2):109-113. doi: 10.1016/j.ajg.2019.05.004. Epub 2019 Jun 4. Review. PMID: 31175077.
- **El Kassas M**, Elbaz T, Salaheldin M, Abdelsalam L, Kaseb A, Esmat G. Impact of treating chronic hepatitis C infection with direct-acting antivirals on the risk of hepatocellular carcinoma: The debate continues – A mini-review. *Journal of Advanced Research.* 2019; 17: 43–48.
- Darweesh SK, Elsaheed K, Omar H, El Raziky M, Elakel W, Elserafy M, Ismail SA, Gomaa AA, Mehrez M, **El Kassas M**, Abdullah M, Shaker MK, Esmat G, El Shazly Y, Doss W, Waked I. High SVR rate following retreatment of non-sustained virological responders to sofosbuvir based anti-HCV therapies regardless of RAS testing: A real-life multicenter study. *Expert Rev Gastroenterol Hepatol.* 2019 Sep;13(9):907-914. doi: 10.1080/17474124.2019.1629287. Epub 2019 Jun 23. PMID: 31173527.

- Merle P, Blanc JF, Phelip JM, Pelletier G, Bronowicki JP, Touchefeu Y, Pageaux G, Gerolami R, Habersetzer F, Nguyen-Khac E, Casadei-Gardini A, Borbath I, Tran A, Wege H, Saad AS, Colombo M, Abergel A, Richou C, Waked I, Yee NS, Molé A, Attali P, Le Boulicaut J, Vasseur B; RELIVE Investigators. Doxorubicin-loaded nanoparticles for patients with advanced hepatocellular carcinoma after sorafenib treatment failure (RELIVE): a phase 3 randomised controlled trial. Lancet Gastroenterol Hepatol. 2019 Jun;4(6):454-465. doi: 10.1016/S2468-1253(19)30040-8. Epub 2019 Apr 4. Erratum in: Lancet Gastroenterol Hepatol. 2019 Jul;4(7):e6. PMID: 30954567.
- **El Kassas M**, El Sheemy R, Alboraei M, El Badry M, Wifi MN, Youssef N, Ezzat S, Tahooon M, Abdelsalam L, Abdelhakam S, Ali-Eldin Z. Real-world results of direct-acting antivirals use for the treatment of chronic hepatitis C in old patients. European Geriatric Medicine [Epub ahead of print] <https://doi.org/10.1007/s41999-019-00167-3>
- Mostafa A, El-Sayed MH, **El Kassas M**, Elhamamsy M, Elsisi GH. Safety-Engineered Syringes: An Intervention to Decrease Hepatitis C Burden in Developing Countries-A Cost-Effectiveness Analysis from Egypt. Value Health Reg Issues. 2019 Apr 16;19:51-58. doi: 10.1016/j.vhri.2018.11.009. [Epub ahead of print]. PMID: 31002984
- **El Kassas M**, Alboraei M, Omar H, El Latif YA, Algaber MA, El Tahan A, El Halwagy H, Afify S, Elserafy M, Elsaed K, Doss W. High success rates for the use of ombitasvir/paritaprevir/ritonavir containing regimens in treatment of naïve and experienced chronic hepatitis C genotype 4: Real world results. J Med Virol. 2019 Apr 5. doi: 10.1002/jmv.25478. [Epub ahead of print] PMID: 30950069.
- Fouad R, Elsharkawy A, Abdel Alem S, **El Kassas M**, Alboraei M, Sweedy A, Afify S, Abdellatif Z, Khairy M, Esmat G. Clinical impact of serum α-fetoprotein and its relation on changes in liver fibrosis in hepatitis C virus patients receiving direct-acting antivirals. Eur J Gastroenterol Hepatol. 2019 Mar 20. doi: 10.1097/MEG.0000000000001400. [Epub ahead of print] PMID: 30896550.

- Hamed AE, Elsahar M, Elwan NM, El-Nakeep S, Naguib M, Soliman HH, Aboubakr AA, AbdelMaqsod A, Sedrak H, Assaad SN, Elwakil R, Esmat G, Salh S, Mostafa T, Mogawer S, Sadek SE, Saber MM, Ezelarab H, Mahmoud AA, Sultan S, **EI Kassas M**, Kamal E, ElSayed NM, Moussa S; Jury, Reviewers and Advisory Board: Sherif Abdelfattah, Samir Helmy ASSAAD-KHALIL, Ahmed Ali Elgarem, Rawia Khater, Amr Helmi, Hisham Elborlsy, Abdelhamid Attia. Managing diabetes and liver disease association: Practice guidelines from the Egyptian Association for the Study of Liver and Gastrointestinal Disease (EASLGD). Arab J Gastroenterol. 2019 Mar;20(1):61-63. doi: 10.1016/j.ajg.2019.02.002. Epub 2019 Mar 7.
- Badawi R, Alboraei M, Abd-Elsalam S, Abou Rahma MZ, Ramadan HK, Ahmed OA, Fouad MHA, Soliman S, Mohareb DA, Haydara T, Alnabawy SM, **EI Kassas M**. Serum Alpha-fetoprotein Levels and Response to Direct Antiviral Therapy in Patients with Chronic Hepatitis C: real-world results from 1716 patients in Egypt. Endocr Metab Immune Disord Drug Targets. 2019 Feb 4. doi: 10.2174/1871530319666190204154830.
- Shah ND, Ventura-Cots M, Abraldes JG, Alboraei M, Alfadhli A, Argemi J, Badia-Aranda E, Soler EA, Barritt AS 4th, Bessone F, Biryukova M, Carrilho FJ, Fernández MC, Guiridi ZD, **EI Kassas M**, Eng-Kiong T, Farias A, George J, Gui W, Thurairajah PH, Hsiang JC, Husić-Selimovic A, Isakov V, Karoney M, Kim W, Kluwe J, Kochhar R, Dhaka N, Costa PM, Nabeshima MA, Ono SK, Reis D, Rodil A, Domech CR, Sáez-Royuela F, Scheurich C, Siow W, Sivac-Burina N, Dos Santos Traquino ES, Some F, Spreckic S, Tan S, Vorobioff J, Wandera A, Wu P, Yakoub M, Yang L, Yu Y, Zahragic N, Zhang C, Cortez-Pinto H, Bataller R. Alcohol-related Liver Disease is Rarely Detected at Early Stages Compared With Liver Diseases of Other Etiologies Worldwide. Clin Gastroenterol Hepatol. 2019 Jan 29. pii: S1542-3565(19)30073-4. doi: 10.1016/j.cgh.2019.01.026.
- Younossi ZM, Stepanova M, Ong J, Yilmaz Y, Duseja A, Eguchi Y, **EI Kassas M**, Castellanos-Fernandez M, George J, Jacobson IM, Bugianesi E, Wai-Sun Wong V, Arrese M, de Ledinghen V, Romero-Gomez M, Mendez-Sanchez N, Ahmed A, Wong R, Papatheodoridis G, Serfaty L, Younossi I, Nader F, Ziayee M, Afendy A; Global NASH Council. Effects of Alcohol Consumption

and Metabolic Syndrome on Mortality in Patients with Non-alcoholic and Alcohol-Related Fatty Liver Disease. Clin Gastroenterol Hepatol. 2018 Nov 23. pii: S1542-3565(18)31276-X. doi: 10.1016/j.cgh.2018.11.033. [Epub ahead of print]. PMID: 30476585.

- Hamed AE, Elsahar M, Elwan NM, Elnakib S, Naguib M, Soliman HH, Ahmed Aboubakr A, AbdelMaqsod A, Sedrak H, Assaad SN, Elwakil R, Esmat G, Salh S, Mostafa T, Mogawer S, Sadek SE, Saber MM, Ezelarab H, Mahmoud AA, Sultan S, **EI Kassas M**, Kamal E, ElSayed NM, Moussa S. Managing diabetes and liver disease association. Arab J Gastroenterol. 2018 Nov 9. pii: S1687-1979(18)30065-0. doi: 10.1016/j.ajg.2018.08.003. [Epub ahead of print].
- Hamed AE, Elwan N, Naguib M, Elwakil R, Esmat G, **EI Kassas M**, Abd-Elsalam S, Moussa S. Diabetes association with liver diseases: an overview for clinicians. Endocr Metab Immune Disord Drug Targets. 2018 Nov 15. doi: 10.2174/1871530318666181116111945. [Epub ahead of print]. PMID: 30444204.
- Omran D, Alboraei M, Zayed RA, Wifi MN, Naguib M, Eltabbakh M, Abdellah M, Sherief AF, Maklad S, Eldemellawy HH, Saad OK, Khamiss DM, **EI Kassas M**. Towards hepatitis C virus elimination: Egyptian experience, achievements and limitations. World J Gastroenterol. 2018 Oct 14;24(38):4330-4340. doi: 10.3748/wjg.v24.i38.4330.
- Afify SM, Tabli A, Nawara HM, **EI Kassas M**, Elfert A, Seno M, El-Kousy S. Clin Lab. Five Fibrosis Biomarkers Together with Serum Ferritin Level to Diagnose Liver Fibrosis and Cirrhosis. Clin Lab. 2018 Oct 1;64(10):1685-1693. doi: 10.7754/Clin.Lab.2018.180502. PMID: 30336529
- **EI Kassas M**, Alboraei M, Elsaeed K, Ahmed Y, El Tahan A, Alhaddad O, Salaheldin M, Kabbash I, El Badry M, Fathy T, El-Serafy M, ElShazly Y, Doss W, Esmat G. Real-Life Efficacy of 5 Different Antiviral Regimens for Treatment of Chronic Hepatitis C With Normal Liver Enzymes. Am J Ther. 2018 May 24. doi: 10.1097/MJT.0000000000000784.
- **EI Kassas M**, Funk AL, Abd El Latif Y, Vasiliu A, Sherief A, Shimakawa Y, Youssef N, El Tahan A, Elbadry M, Farid AM, El Shazly Y, Doss W, Esmat G,

Fontanet A. Concordance of SVR4 and SVR12 following direct-acting anti-viral treatment in Egypt. Aliment Pharmacol Ther. 2018 Jun;47(11):1564-1566. doi: 10.1111/apt.14628.

- **EI Kassas M**, Alboraei M, Omran D, Salaheldin M, Wifi MN, ElBadry M, El Tahan A, Ezzat S, Moaz E, Farid AM, Omar H, Abouelkhair M, Afify S, Elsaed K, Shazly Y, Doss W, Esmat G. An account of the real-life hepatitis C management in a single specialized viral hepatitis treatment centre in Egypt: results of treating 7042 patients with 7 different direct acting antiviral regimens. Expert Rev Gastroenterol Hepatol. 2018 May 24:1-8.doi: 10.1080/17474124.2018.1476137. [Epub ahead of print]. PMID: 29757684.
- **EI Kassas M**, Shimakawa Y, Ali-Eldin Z, Funk AL, Wifi MN, Zaky S, El-Raei F, Esmat G, Fontanet A. Risk of HBV reactivation with direct-acting antivirals against HCV: a cohort study from Egypt and meta-analysis of published data. Liver Int. 2018 May 8. doi: 10.1111/liv.13874. [Epub ahead of print]. PMID: 29738637.
- Zekri AN, El-Sisi ER, Youssef ASE, Kamel MM, Nassar A, Ahmed OS, **EI Kassas M**, Barakat AB, Abd El-Motaleb AI, Bahnassy AA. MicroRNA Signatures for circulating CD133-positive cells in hepatocellular carcinoma with HCV infection. PLoS One. 2018 Mar 13;13(3):e0193709. doi: 10.1371/journal.pone.0193709. eCollection 2018. PMID: 29534065.
- **EI Kassas M**, Elbaz T, Elsharkawy A, Omar H, Esmat G. HCV in Egypt, prevention, treatment and key barriers to elimination. Expert Rev Anti Infect Ther. 2018 Apr;16(4):345-350. doi: 10.1080/14787210.2018.1448709. Epub 2018 Mar 11. PMID: 29506418
- **EI Kassas M**, Omran D, Elsaed K, Alboraei M, Elakel W, El Tahan A, Abd El Latif Y, Nabeel M, Korany M, Ezzat S, El-Serafy M, ElShazly Y, Doss W, Esmat G. Spur-of-the-Moment Modification in National Treatment Policies Leads to a Surprising HCV Viral Suppression in All Treated Patients: Real-Life Egyptian Experience. Journal of Interferon & Cytokine Research. J Interferon Cytokine Res. 2018 Jan 22. doi: 10.1089/jir.2017.0121. [Epub ahead of print] PMID: 29356573. Link

- **EI Kassas M**, Funk AL, Salaheldin M, Shimakawa Y, Eltabbakh M, Jean K, EI Tahan A, Sweedy AT, Afify S, Youssef NF, Esmat G, Fontanet A. Increased recurrence rates of hepatocellular carcinoma after DAA therapy in a hepatitis C infected Egyptian cohort: a comparative analysis. *J Viral Hepat.* 2017 Dec 23. doi: 10.1111/jvh.12854. PMID: 29274197. [Link](#)
- Omar H, El Akel W, Elbaz T, **EI Kassas M**, Elsaheed K, El Shazly H, Said M, Yousif M, Gomaa AA, Nasr A, AbdAllah M, Korany M, Ismail SA, Shaker MK, Doss W, Esmat G, Waked I, El Shazly Y. Generic daclatasvir plus sofosbuvir, with or without ribavirin, in treatment of chronic hepatitis C: real-world results from 18 378 patients in Egypt. *Aliment Pharmacol Ther.* 2018 Feb;47(3):421-431. doi: 10.1111/apt.14428. Epub 2017 Nov 29. PMID: 29193226. [Link](#)
- Alboraei M, Yousef NF, **EI Kassas M**. Egyptian liver library: Rebuilding the pyramid of liver disease evidence in Egypt. *Arab J Gastroenterol.* 2017 Sep 25. pii: S1687-1979(17)30080-1. doi: 10.1016/j.ajg.2017.09.007. [Epub ahead of print] PMID: 28958639. [Link](#)
- **EI Kassas, M.**, Alboraei, M., Mostafa, A., Ezzat, R., EI Tahan, A., Afify, S., Sweedy A, Kabbash I, Esmat G. (2017). After successful hepatitis C virus antiviral therapy: It looks that normal alanine aminotransferase level is not the normal. *J Clin Lab Anal.* doi: 10.1002/jcla.22296. [Link](#)
- Hafez E, Elbaz T, **EI Kassas M**, Esmat G. A new potent NS5A inhibitor in the management of hepatitis C virus: ravidasvir. *Curr Drug Discov Technol.* 2017 Jul 13. doi: 10.2174/1570163814666170713104435. [Link](#)
- Esmat G and **EI Kassas M**. The control of HCV in Egypt. *Hepatitis B and C Public Policy Association Newsletter.* June, 2017. Pages 4-5. [Link](#)
- Gomaa A, Allam N, Elsharkway A, **EI Kassas M**, Waked I. Hepatitis C infection in Egypt: prevalence, impact and management strategies. *Hepat Med.* 2017 May 15;9:17-25. doi: 10.2147/HMER.S113681. eCollection 2017. [Link](#)
- **EI Kassas M**, Elbaz T, Hafez E, Wifi MN, Esmat G. Discovery and preclinical development of dasabuvir for the treatment of hepatitis C infection. *Expert*

Opin Drug Discov. 2017 Apr 25. doi: 10.1080/17460441.2017.1322955. [Epub ahead of print]. PMID: 28440681. [Link](#)

- **EI Kassas M**, Wifi MN, Mahdy R, Afify S, Hafez E, El Latif YA, Ezzat M, El Tahan A, Youssef N, Esmat G. Herpes Zoster reactivation in patients with chronic hepatitis C under treatment with directly acting antiviral agents: A case series. Arab J Gastroenterol. 2017 Mar 17. pii: S1687-1979(17)30010-2. doi: 10.1016/j.ajg.2017.02.003. [Link](#)
- Ghweil, A., Bazeed, S., Alsenbsy, M., Saleh, H., **EI Kassas, M.**, Abbas, B., Moustafa, H. (2016). Endoscopic band ligation combined with argon plasma coagulation versus band ligation alone for eradication of esophageal varices. Al-Azhar Assiut Medical Journal, 14(4), 169-175. doi: 10.4103/1687-1693.208932. [Link](#)
- Assal F, **EI Kassas M**, Esmail E, Elbadry AA, Abousaif S, Mahdy R, Elfert A. Microwave ablation in the spleen versus partial splenic artery embolisation: A new technique for hypersplenism in cirrhosis. Arab J Gastroenterol. 2017 Feb 28. pii: S1687-1979(17)30001-1. doi: 10.1016/j.ajg.2017.01.001. [Link](#)
- EI-Akel W, EI-Sayed MH, **EI Kassas M**, EI-Serafy M, Khairy M, Elsaheed K, Kabil K, Hassany M, Shawky A, Yosry A, Shaker MK, EIShazly Y, Waked I, Esmat G, Doss W. National treatment programme of hepatitis C in Egypt: Hepatitis C virus model of care. J Viral Hepat. 2017 Apr;24(4):262-267. [Link](#)
- Youssef NF, **EI Kassas M**, Farag A, Shepherd A. Health-related quality of Life in patients with chronic hepatitis C receiving Sofosbuvir-based treatment, with and without Interferon: a prospective observational study in Egypt. BMC Gastroenterol. 2017 Jan 21; 17(1):18. doi: 10.1186/s12876-017-0581-1. PubMed PMID: 28109264; PubMed Central PMCID: PMC5251342. [Link](#)
- Eletreby R, Elakel W, Said M, **EI Kassas M**, Seif S, Elbaz T, EI Raziky M, Abdel Rehim S, Zaky S, Fouad R, Gamal Eldeen H, Abdo M, Korany M, Yosry A, EI Serafy M, EI-Sayed MH, EIShazly Y, Waked I, Doss W, Esmat G. Real life Egyptian experience of efficacy and safety of Simeprevir/Sofosbuvir therapy in 6211 chronic HCV genotype IV infected patients. Liver Int. 2016 Oct 6. doi: 10.1111/liv.13266. [Epub ahead of print] PubMed PMID: 27712017. [Link](#)

- Hashem, M. B., Elbaz, T., **EI-Kassas, M.**, & Esmat, G. (2016). Management of Hepatitis C Virus—Genotypes 4, 5, and 6 Using Direct Antiviral Agents: Review of Current Status. *Current Treatment Options in Infectious Diseases*, 8(4), 368-378. [Link](#)
- Esmat G, Elbaz T, **EI Kassas M**. Hepatocellular carcinoma in Egypt: an updated status. *VIRAL HEPATITIS AND LIVER CANCER Journal*. 2016. [Link](#)
- **EI Kassas M**, Elbaz T, Hafez E, Esmat G. Safety of direct antiviral agents in the management of hepatitis C. *Expert Opin Drug Saf*. 2016 Dec; 15(12):1643-1652. PubMed PMID: 27661100. [Link](#)
- **EI Kassas M**, Elbaz T, Abd El Latif Y, Esmat G. Elbasvir and grazoprevir for chronic hepatitis C genotypes 1 and 4. *Expert Rev Clin Pharmacol*. 2016 Sep 26:1-9. [Epub ahead of print] PubMed PMID: 27603877. [Link](#)
- Shimakawa Y, Bonnard P, **EI Kassas M**, Abdel-Hamid M, Esmat G, Fontanet A. Diagnostic accuracy of the γ -glutamyl transpeptidase to platelet ratio to predict liver fibrosis in Egyptian patients with HCV genotype 4. *Gut*. 2016 Sep; 65(9):1577-8. doi: 10.1136/gutjnl-2016-312326. PubMed PMID: 27390304. [Link](#)
- Zekri AR, Raafat AM, Elmasry S, Bahnassy AA, Saad Y, Dabaon HA, **EI-Kassas M**, Shousha HI, Nassar AA, El-Dosouky MA, Hussein N. Promotor methylation: does it affect response to therapy in chronic hepatitis C (G4) or fibrosis? *Ann Hepatol*. 2014 Sep-Oct; 13(5):518-24. PubMed PMID: 25152984. [Link](#)
- Elbaz T, **EI-Kassas M**, Esmat G. New era for management of chronic hepatitis C virus using direct antiviral agents: A review. *J Adv Res*. 2015 May; 6(3):301-10. doi: 10.1016/j.jare.2014.11.004. Review. PubMed PMID: 26257927; PubMed Central PMCID: PMC4522579. [Link](#)
- Bonnard P, Elsharkawy A, Zalata K, Delarocque-Astagneau E, Biard L, Le Fouler L, Hassan AB, Abdel-Hamid M, El-Daly M, Gamal ME, **EI Kassas M**, Bedossa P, Carrat F, Fontanet A, Esmat G. Comparison of liver biopsy and noninvasive techniques for liver fibrosis assessment in patients infected with

HCV-genotype 4 in Egypt. J Viral Hepat. 2015 Mar; 22 (3):245-53. doi: 10.1111/jvh.12285. PubMed PMID: 25073725. [Link](#)

- Esmat G, El Raziky M, Elsharkawy A, Sabry D, Hassany M, Ahmed A, Assem N, **El Kassas M**, Doss W. Impact of vitamin D supplementation on sustained virological response in chronic hepatitis C genotype 4 patients treated by pegylated interferon/ribavirin. J Interferon Cytokine Res. 2015 Jan; 35 (1):49-54. doi: 10.1089/jir.2014.0060. PubMed PMID: 25061714. [Link](#)
- Ahmed H.K. Abdelmaksoud, Mohamed El_Sayed Taha, **Mohamed El_Kassas**, Reem E. Mahdy, Gamal El-Din Esmat Mohamed, Hany Ahmed Samy (2015), 'Prospective comparison of transient elastography and liver biopsy for the assessment of fibrosis in chronic hepatitis C infection, Egyptian Society of Radiology and Nuclear Medicine, 46, 293-297. [Link](#)
- Okasha H, **El-Kassas M**, Naguib M, Ezzat R, El-Gemeie E. Gastric mucosa-associated lymphoid tissue lymphoma associated with pancreatic non-Hodgkin's lymphoma: A case report. Endosc Ultrasound. 2014 Apr;3 (Suppl 1):S6-7. PubMed PMID: 26425533; PubMed Central PMCID: PMC4569933. [Link](#)
- Cousien A, Obach D, Deuffic-Burban S, Mostafa A, Esmat G, Canva V, **El_Kassas M**, El-Sayed M, Anwar WA, Fontanet A, Mohamed MK, Yazdanpanah Y. Is expert opinion reliable when estimating transition probabilities? The case of HCV-related cirrhosis in Egypt. BMC Med Res Methodol. 2014 Mar 17;14: 39. doi: 10.1186/1471-2288-14-39. PubMed PMID: 24635942; PubMed Central PMCID: PMC4003824. [Link](#)
- Esmat G, **El Kassas M**, Hassany M, Gamil M, El Raziky M. Optimizing treatment for HCV genotype 4: PEG-IFN alfa 2a vs. PEG-IFN alfa 2b; the debate continues. Liver Int. 2014 Feb; 34 Suppl 1:24-8. doi: 10.1111/liv.12397. Review. PubMed PMID: 24373075. [Link](#)
- Okasha HH, Naga MI, Esmat S, Naguib M, Hassanein M, Hassani M, **El-Kassas M**, Mahdy RE, El-Gemeie E, Farag AH, Foda AM. Endoscopic Ultrasound-Guided Fine Needle Aspiration versus Percutaneous Ultrasound-Guided Fine Needle Aspiration in Diagnosis of Focal Pancreatic Masses.

Endosc Ultrasound. 2013 Oct; 2(4):190-3. doi: 10.4103/2303-9027.121239.

PubMed PMID: 24949394; PubMed Central PMCID: PMC4062270. [Link](#)

- Elbaz T, **EI Kassas M**, Esmat G. Management of Hepatocellular Carcinoma: Updated Review. Journal of Cancer Therapy, 2013 Vol. 04, Issue 02, p.536. [Link](#)
- Zekri AR, **EI-Kassas M**, Saad Y, Bahnassy A, El-Din HK, Darweesh SK, Abdel Hafez H, Esmat G. Caspase recruitment domains. New potential markers for diagnosis of hepatocellular carcinoma associated with HCV in Egyptian patients. Ann Hepatol. 2013 Sep-Oct; 12(5):774-81. PubMed PMID: 24018495. [Link](#)
- Esmat G, **EI Kassas M**, Hassany M, Gamil ME, El Raziky M. How to optimize HCV therapy in genotype 4 patients. Liver Int. 2013 Feb; 33 Suppl 1:41-5. doi: 10.1111/liv.12059. Review. PubMed PMID: 23286845. [Link](#)
- Esmat G, El Raziky M, **EI Kassas M**, Hassany M, Gamil ME. The future for the treatment of genotype 4 chronic hepatitis C. Liver Int. 2012 Feb; 32 Suppl 1:146-50. doi: 10.1111/j.1478-3231.2011.02704.x. Review. PubMed PMID: 22212586. [Link](#)
- Mohammed RH, ElMakhzangy HI, Gamal A, Mekky F, **EI Kassas M**, Mohammed N, Abdel Hamid M, Esmat G. Prevalence of rheumatologic manifestations of chronic hepatitis C virus infection among Egyptians. Clin Rheumatol. 2010 Dec; 29(12):1373-80. doi: 10.1007/s10067-010-1463-x. PubMed PMID: 20411290. [Link](#)
- Esmat G, El Akel W, Metwally M, Soliman A, Doss W, Hamid MA, Kamal M, Zalata K, Khattab H, **EI-Kassas M**, Esmat M, Hasan A, El-Raziky M. Improvement of steatosis after interferon therapy in HCV genotype 4 is related to weight loss. Indian J Gastroenterol. 2009 Mar-Apr; 28(2):45-8. doi: 10.1007/s12664-009-0016-1. PubMed PMID: 19696987. [Link](#)
- El-Kamary SS, Shardell MD, Abdel-Hamid M, Ismail S, El-Ateek M, Metwally M, Mikhail N, Hashem M, Mousa A, Aboul-Fotouh A, **EI-Kassas M**, Esmat G, Strickland GT. A randomized controlled trial to assess the safety and efficacy of silymarin on symptoms, signs and biomarkers of acute hepatitis.

Phytomedicine. 2009 May; 16(5):391-400. doi:
10.1016/j.phymed.2009.02.002. PubMed PMID: 19303273; PubMed Central
PMCID: PMC2733865. [Link](#)

- Fatma A. Meky, Nabil abdelMageed, Mohamed abdel Hameed, Mohamed Mohy Eldin Awad, Gamal Esmat, Sherif kafrawy and **Mohamed El Kassas**, (2006) 'The prevalence of dermatological manifestations in chronic hepatitis C Egyptian patients', Afro-Arab liver journal, 5, pp. 47-52.

Posters

- Doss, W., Esmat, G., El-Serafy, M., El-Akel, W., Yosry, A., El-Sayed, M. El-Kassas, M., Kabil, K., Waked, I. (2016). Real-Life Results of Sofosbuvir Based Therapy for Egyptian Patients with Hepatitis C and Advanced Fibrosis-Cirrhosis. Journal of Hepatology, 64(2), S772.
- Esmat, G., Eldeen, H., El Kassas, M., El Raziky, M., Elbaz, T., Fouad, R. Korany, M. (2016). Sofosbuvir plus simeprevir in treatment-naive and treatment-experienced Egyptian patients with hepatitis C virus infection: a real life experience. Journal of Hepatology, 64(2), S769-S770.
- Posters: 706 COMPARISON OF LIVER BIOPSY, ELASTOMETRY AND SERUM MARKERS FOR LIVER FIBROSIS ASSESSMENT IN GENOTYPE 4 HCV-INFECTED PATIENTS IN EGYPT. RESULTS OF THE ANRS12184 STUDY
- P. Bonnard; M. El-Kassas; M. Gamal; A.B. Hassan; L. Le Fouler; A. Elsharkawy; E. Delarocque-Astagneau; M. El-Sayed; A. Abd El Hay; M. Abdel-Hamid; F. Carrat; P. Bedossa; M. Mohamed; A. Fontanet; G. Esmat. In Abstracts of The International Liver Congress 2013 - 48th Annual meeting of the European Association for the Study of the Liver, Journal of Hepatology. April 2013 58 Supplement 1:S287 Supplement 1 Language: English. DOI: 10.1016/S0168-8278(13)60708-4.
- P0520 ACCEPTABILITY, RELIABILITY AND APPLICABILITY OF LIVER BIOPSY AND NON-INVASIVE METHODS FOR ASSESSMENT OF HEPATIC FIBROSIS AND CIRRHOSIS AMONG HEPATOLOGISTS; A WEB BASED SURVEY M. Alboraei, M. Khairy, A. Elsharkawy, N. Asem, M. El Kassas, F. Elghamry, F. Hassan, G. Esmat. The International Liver Congress 2015 - 50th Annual meeting of the European Association for the Study of the Liver, Journal of Hepatology.

- P0674 DIFFERENT SERUM FIBROSIS BIOMARKERS AS MONITORING TOOLS FOR DETECTING FIBROSIS REGRESSION IN TREATED HCV PATIENTS M. Alboraei , M. El Kassas , A. Sweedy , M. Nour. UEGW meeting, 2015.
- SERUM FIBROSIS BIOMARKERS CAN PREDICT THE PRESENCE OF HEPATOCELLULAR CARCINOMA IN CHRONIC HEPATITIS C PATIENTS Mohamed El Kassas, Mohamed Alboraei, Shimaa Afify, Mohamed Nour. APASL 2016 meeting, Tokyo.
- P-0778 - Is microwave ablation a good alternative to partial splenic embolization to treat hypersplenism?.Asem A. Elfert, Mohamed El kassas, Amr M. Elbadry, Eslam S. Esmail, Fat-heyah E. Asal. APASL 2016 meeting, Tokyo.
- P0048 REAL-WORLD EFFECTIVENESS OF FIVE DIFFERENT DIRECT ACTING ANTIVIRAL REGIMENS FOR TREATMENT OF CHRONIC HEPATITIS C WITH NORMAL LIVER ENZYMES: SINGLE-CENTER EGYPTIAN EXPERIENCE M. El Kassas, M. Alboraei, M. Salah, A. Eltahan, Y. Abdellatif, I. Kabbash, A. Fouad, M. Eltabbakh, Z. Ali-Eldin, M. Wifi, M. El-Serafy, K. Elsaheed, Y. Elshazly, W. Doss. 25th UEG Week 2017 Barcelona, Spain, October 2017
- LBP-529 Worldwide lack of early referral of patients with alcoholic liver disease: results of the global alcoholic liver disease survey (GLADIS) N.D. Shah, M.V. Cots, C. Zhang, N. Zahragic, Y. Yu, M. Yacoub, P. Wu, A. Wandera, J. Vorobioff, E.S.D.S. Traquino, P.H. Thurairajah, S. Tan, S. Spreckic, E.R.A. Soler, N. Sivac, W. Siow, C. Scheurich, F. Sáez-Royuela, A. Rodil, D. Reis, S. Ono, M. Nabeshima, T.E. Kiong, M. Karoney, W. Gui, M.C. Fernández, A. Farias, C.R. Domech, P.M. Costa, M. Biryukova, A. Alfadhli, L. Yang, F. Some, R. Kochhar, J. Kluwe, W. Kim, V. Isakov, A. Husić-Selimovic, J. Hsiang, J. George, M. El Kassas, Z. Dorta, F.J. Carrilho, F. Bessone, E.B. Aranda, M. Alboraei, H. Cortez-Pinto, R. Bataller
- P1154 EFFECT OF VITAMIN D SUPPLEMENTATION ON SUSTAINED VIROLOGICAL RESPONSE TO PEGINTERFERON ALFA-2b/RIBAVIRIN COMBINATION IN CHRONIC HEPATITIS C GENOTYPE 4 M. Hassany, G. Esmat, M. El Raziky, W. Doss, D. Sabry, A. Ahmed, N. Assem, A. El Sharkawy, M. El Kassas Poster EASL 2014
- Worldwide Lack of Early Referral of Patients with Alcoholic Liver Disease: Final Results of the Global Alcoholic Liver Disease Survey (GLADIS) Neil D. Shah, Meritxell Ventura-Cots, Chaoqun Zhang, Nerma Zahragic, Yuanjie Yu, Mohamed A. Yacoub, Pengbo Wu, Andrew Wandera, Julio D. Vorobioff, Prem H. Thurairajah,

Shiyun Tan, Sanjin Spreckic, Way Siow, Christoph Scheurich, Federico Sáez-Royuela, Agustina Rodi, Daniela Reis, Suzane K. Ono, Mari- ana A. Nabeshi, Eng Kiong Teo, Mercy J. Karoney, Marlen I. Castellanos Fernandez, Alberto Q. Farias, Caridad Ruenes Domech, Pedro Marques da Costa, Ahmad Alfadhli, Ling Yang, Fatma Some, Rakesh Koch- har, Johannes Kluwe, Won Kim, Vasily Isakov, Azra Husic-Selimovic, John C. Hsiang, Jacob George, Mohamed El Kassas, Zaily Dorta Guridi, Flair J. Carrilho, Fernando Bessone, Ester Badia, Mohamed Alboraei , Helena Cortez-Pinto, Ramon Bataller. AASLD 2017

- 1037 Establishment of Infectious Genotype 4a Hcvcc .Dr. Noriyuki Watanabe, Takaya Suzuki, Dr. Tomoko Date, Dr. Su Su Hmwe, Dr. Hussein Aly, Dr. Hideki Aizaki, Dr. Masaya Sugiyama, Prof. Masashi Mizokami, Prof. Mohamed El Kassas, Dr. Ashraf Tabli, Dr. Guofeng Cheng, William E. Delaney, Dr. Masamichi Muramatsu1and Dr. Takaji Wakita AASLD , San Francisco Nov. 2018
- 1396 Non-Alcoholic Fatty Liver Disease (NAFLD) and Alcoholic Fatty Liver Disease (AFLD): The Impact of Alcohol Consumption and Metabolic Syndrome on Mortality Prof. Zobair M. Younossi, Maria Stepanova, Dr. Janus Ong, Dr. Yusuf Yilmaz, Dr. Ajay K. Duseja, Prof. Yuichiro Eguchi, Prof. Mohamed El Kassas, Dr. Marlen Fernandez, Prof. Jacob George, Dr. Ira M. Jacobson, Prof. Elisabetta Bugianesi, Dr. Vincent Wong, Dr. Marco Arrese, Prof. Victor de Ledinghen, Prof. Manuel Romero-Gomez, Prof. Nahum Mendez-Sanchez, Dr. Aijaz Ahmed, Dr. Robert J. Wong, Prof. George V. Papatheodoridis, Prof. Lawrence Serfaty, Dr. Philippe Mathurin, Issah Younos, Fatema Nader23, Mariam Ziayee and Arian Afendy. AASLD , San Francisco Nov. 2018.

Community based participations

- Working with MSF organization (Medecins Sans Frontieres) in the project aiming at improving access and care for HCV patients in rural areas of Egypt.
- Participation in the round table discussion with the Ukrainian Community Advisory Board (UCAB) for implementation and launching of the Ukrainian strategy for management of HCV for delivering HCV medications with subsidized prices, Kiev, Ukraine, January 2013.

References

- References are available upon request.