



Personal information:

- Name and nationality: Mohammed Hosny Hassan, Egyptian.
- Title/Rank: Associate Professor of Medical Biochemistry, Head of Medical Biochemistry Department, Faculty of Medicine- SVU
- Tel.: 01098473605 - 01066043605
- Date and place of birth: Jan.3, 1982, Abu-tesht, Qena, Egypt.
- Work Address: Medical Biochemistry Department, Faculty of Medicine, South Valley University, Qena, Egypt.
- Specialization: Medical Biochemistry, Molecular biology and metabolic disorders.
- Current Home Address: Qena, Egypt.
- Marital Status: Married & had three children.
- Disabilities and chronic illness: None.
- Languages: Arabic/English: Excellent reading, writing and conservation.
- Personal E.mail address:
mohammedhosnyhassaan@yahoo.com.
- Institutional E.mail address:
mohammedhosnyhassaan@med.svu.edu.eg.
- My google scholar page URL:
<https://scholar.google.com.eg/citations?user=u2EXPHgAAAAJ&hl=en>.
- ORCID ID: orcid.org/0000-0003-2698-9438
- Research gate score: 21.66
- Scopus Author ID: 57191897726 (26 articles).
- H-index=4.
- Web of Science ResearcherID : G-8612-2019
- Pubmed link of my published articles (20 articles):
<https://www.ncbi.nlm.nih.gov/pubmed/?term=Hassan+MH%5BAuthor%5D+%2C+biochemistry+%2C+south+valley+university>

- **Publon link as reviewer**(27 articles has been reviewed in an indexed impacted journals):
https://publons.com/author/1593634/mohammed-hosny-hassan?utm_campaign=notifications_summary&utm_source=publons&utm_medium=email#profile

Qualifications

- Bachelor of Medicine and Surgery, Faculty of Medicine, Sohag University, Sohag, Egypt. Very good with honor, September 2004.
- M.Sc. (Medical Biochemistry): Thesis entitled: Prevalence of lactose intolerance among primary school children in Qena Governorate, 2009, Excellent, Faculty of Medicine, Assiut unv, Assiut, Egypt.
- M.D degree (Medical biochemistry): Thesis entitled: Glycogen storage diseases among pediatric patients, 2014, Qena Faculty of Medicine, South valley unv, Qena, Egypt.
- M.Sc. (Pediatrics and Neonatology): Thesis entitled: Evaluation of thyroid functions among children with iron deficiency anemia– 2018,Good, – Faculty of Medicine – Al-Azhar University- Assiut Branch.

Experiences

A. Teaching:

- Demonstrator of Medical Biochemistry (2007- 2010).
- Assistant Lecturer, 2010 -2014
- Lecturer from 2014 till date.

I had got the following skills during this period

- Teaching the laboratory experiments for medical students
- Simplifying the theoretical issues to be easily understood
- Dealing with students problems and tackling them.
- Performing the laboratory experiments
- Preparing the solutions needed for the laboratory work
- Using the following techniques: spectrophotometry , ELISA readers, centrifugation manual and automatic pipetting .
- Advanced user of all computer applications.
- Making all statistical analysis of scientific data.
- Browsing internet databases for scientific literatures.

- Improving scientific discussion during time course of lectures and use instructing facilities, projectors and data show.
- Had local TOEFL.
- Had ICDL.
- DNA extraction and PCR using thermal cycler, in Medical research institute, Alexandria University.
- Teaching the basic topics in medical biochemistry and molecular biology for under-graduate students of the following faculties in SVU-Qena: Medicine, Veterinary medicine, Dental medicine, physical therapy, Nursing, Pharmacy, Clinical Pharmacy and for medical and nursing students at Aswan university.

B- Editing & Authorship:

Co-author and CO-editor: Review of Medical Biochemistry at:

1. SVU-Qena: Medicine, Veterinary medicine, Dental medicine, physical therapy, Nursing students, Pharmacy, Clinical Pharmacy.
2. Aswan university- Faculty Of Medicine: Medical students and Nursing students.

Co-author and CO-editor:

- Metabolic Disorders .ISBN 687-119-080.
- Twenty Very important subjects for postgraduate medical students. ISBN 678-98-98-09.Volume –I.
- Twenty One Very important subjects for postgraduate medical students. ISBN 678-98-98-09.Volume –II.
- Fifteen Very important subjects for postgraduate medical students. ISBN 678-98-98-09.Volume III.
- Introduction to genetic disorders. ISBN 687-119-0800.
- Cardiovascular system from the biochemical point of view.
- Major body proteins.
- Rheumatology& bone diseases: Biochemical and molecular secrets.
- Principles of basic medical biochemistry.
- Essentials in molecular biology & biotechnology.
- Biochemistry notes for post-graduate students (Gynecology and Obstetrics, Tropical Medicine, Internal Medicine, Pediatrics, Orthopedics, Chest, Dermatology, General Surgery, Urology, Histology, Physiology, Microbiology, Forensic

Medicine, Nuclear Medicine, Neurology, Cardiology, Ophthalmology).

Present Jobs:

- Vice Dean for education and students' Affairs, Faculty of Pharmacy, South Valley University, Qena, Egypt.
- Head of Medical Biochemistry Department, Faculty of medicine, South Valley University, Qena, Egypt.
- Editorial manager for SVU-international journal of medical sciences.
- Member at the Quality assurance Unit of the faculty.
- General Manager of the information technology unit of the faculty.
- Responder of the Student's activities and communication of the Qena faculty of Medicine, SVU.
- Member at the Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University
- Member at the Egyptian society of Medical Biochemistry and Molecular Biology-Cairo-Egypt.
- Member of the curriculum committee of Qena Faculty of Medicine- South Valley University.
- Member of the library committee of the Qena faculty of Medicine, SVU.

Training courses:

1. **Power Point Presentations** training program: From 27-2-2010 to 1-3-2010. Qena, SVU.
2. **Introduction to PC Maintenance and Protection** training program. 2nd -3rd March 2010. Qena, SVU.
3. **Word Processing** training program: From 6-9 March 2010. Qena, SVU.
4. **Statistical Analysis Using SPSS** training program: From 19-22 November 2011. Qena, SVU.
5. **Graphic Adobe Photoshop** training program: From 27-30 November 2011. Qena, SVU.
6. **Hands on the basic techniques used in molecular biology.** 15-18 December 2014. Medical Technology Center of Medical Research Institute, Alexandria University.
7. **General Chromatography & new techniques of the HPLC.** 9- December 2015. Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University.

8. **Neonatal resuscitation training provider course.** May, 5th-6th 2016- Pediatric department, Al-Azhar University- Faculty of Medicine (Assiut).
9. **Researcher Connect Course (British Council).** 16th-18th October 2016. Foundation, Abstracts, Presentation with impact and Academic collaboration modules. South Valley University, Qena-Egypt.
10. Attendant the "**9th Data Definition and Data Entry Training Workshop**" that was organized by Egyptian Neonatal Safety Training Network "ENSTN" at Pediatric department, Al-Azhar University- Faculty of Medicine (Assiut).11/4/2017.
11. **Scientific thinking and argumentation skills for problem solving** of the further domain "Soft skills for academics" within the DAAD Kairo Akademie. 2nd April, 2017. South Valley University, Qena-Egypt.
12. **Hands on the basic techniques used in protein analysis** workshop. 03-05 March 2018. Medical Technology Center of Medical Research Institute, Alexandria University.
13. **PCR from A to Z workshop.** 10th February, 2018. Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University.
14. **Cytogenetic and Karyotyping in Medical research and diagnosis workshop.** 5th April, 2017. Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University.
15. Scientific writing: From data collection to publishing course, 23rd to 25th September,2018, Faculty of Medicine, South Valley University, Qena, Egypt.
16. **Knowledge Based Assessment:** Best Practice in Item writing. 10th March, 2019. Faculty of Medicine, Assiut University.
17. اجتياز دورة المراجعة الخارجية لكليات و معاهد التعليم العالي في الفترة من 10- 12 / 2 / 2019 م من قبل الهيئة القومية لضمان جودة التعليم والاعتماد.
18. اجتياز دورة توصيف البرامج والمقررات وتقويم نواتج التعلم لكليات ومعاهد التعليم العالي في الفترة من 19- 21 / 2 / 2019 م من قبل الهيئة القومية لضمان جودة التعليم والاعتماد.

Awards:

1. SVU award for the international scientific research publication 2014.
2. SVU award for the international scientific research publication 2015.
3. SVU award for the international scientific research publication 2016.
4. SVU award for the international scientific research publication 2017.
5. SVU award for the international scientific research publication 2018.
6. Best International Recognized Research: presented in the eighth monthly scientific meeting of faculty of medicine, scientific day November 12, 2016 for the research entitled "Role of oxidative stress and outcome of various surgical approaches among patients with bullous lung disease candidate for surgical interference ", Assiut University.
7. Evaluator in I.S.E.F 2017, international institute for languages and training Qena.
8. Evaluator in I.S.E.F 2018, South Valley University-Qena-Egypt.
9. Appreciation for active participation in student activities at Faculty of Oral and Dental Medicine, South Valley University-Qena- Egypt.

Thesis supervision

Since 2015 until now I had supervised 14 M.Sc. and 5 Ph.D theses.

Conferences and scientific meetings:

1. Participant in **the 25th annual conference "silver jubilee" of faculty of Medicine- Assiut University:** 11-14 March 2007.
2. Attendant at **the first scientific meeting of the metabolic and genetic disorders unit "MGD"**. 31 March, 2012. Faculty of Medicine- Assiut University.
3. Participant in **1st Luxor International Dental Congress:** 17-19 December 2014. 15 Credit hours.
4. Participant in **The First Qena Faculty Of Medicine Scientific Conference:** 14-15 January 2011. 8 Credit hours.

5. Participant in **3rd International Neuroepidemiology Of Conference**: 3-4 February 2015- Hurghada- Egypt.
6. Participant in **1st International Conference Of Cognitive Function Disorders**: 5-6 February 2015- Hurghada- Egypt.
7. Active member of the organizing committee in **The Second Conference For The Youth researchers Of The Egyptian Universities**: 3-5 November 2015- Qena –Luxor.
8. Attendant at **2nd Luxor international dental congress**. 9-11 March 2016. 15 Credit hours.
9. Participant in **7th annual conference of Pediatric Department**- Al-Azhar University- Faculty of Medicine (Assiut). 3-6 August 2016- Hurghada- Egypt.
10. Attendant at **Amino Acid Analyzer as cornerstone in metabolic disorders**. 9-10 December 2015. Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University.
11. Attendant at **Metabolic and Genetic Disorders: Where we are now?** 18th-19th April 2016. Metabolic and Genetic Disorders Unit-Faculty Of Medicine- Assiut University.
12. Active member of the organizing committee in **The Third Egyptian universities conference for young researchers**: 1-3 November 2016- Qena –Luxor.
13. Member of the organizing and scientific committee of the first regional Arab scientific conference of Metabolic and Genetic Disorders Unit. **Updates in Metabolic and, Molecular and Cytogenetic disorders**. Faculty of Medicine- Assiut University, 29-30 March, 2017.
14. Participant in the activities of workshop of (**Childhood Epilepsy**). 16th March, 2017. Pediatric department, Al-Azhar University- Faculty of Medicine (Assiut).
15. Head of the Scientific organizing committee in **The Fourth Egyptian universities conference for young researchers- (Update in Medical Sciences)**: 23-24 December 2017- Qena –Luxor.
16. Attendant at **The second joint (Pedo Azhar 2, 2018),Al-Azhar Pediatric conference, 11th (For Girls) & 9th (For Assiut)**, 5-7 July,2018, Radisson blue hotel, Alexendria, Egypt.
17. Active member of the organizing committee in The First International Scientific Conference of Metabolic and Genetic Disorders unit; **Metabolic and Genetic Disorders:**

Where are we?, February 27-28, 2019. Faculty of Medicine, Assiut University, Assiut , Egypt.

18. Active member of the organizing committee in **The Fifth Egyptian universities conference for young researchers-** 11-12 March 2019- Qena –Luxor.

Reviewer in the following international medical journals:

1. Metagene, Elsevier.
2. BMC pediatrics. Springer.
3. Journal of clinical and diagnostic research.
4. International neuropsychiatric disease journal, science domain international.
5. African health sciences.
6. Molecular biology reports, Springer.
7. Journal of pediatric neurology.
8. United European gastroenterology journal (SAGE publication).
9. International journal of neuroscience.
10. Gene reports, Elsevier.
11. Aging male, Taylor & Francis.
12. Drug and chemical toxicology.
13. Andrology.
14. Journal of pediatric neurology.

Projects

1. First molecular characterization of schistosoma in Egypt. One of the competitive research projects-SVU, Egypt.

Publications list

A) National Publications:

1. Samira M. Saleh, **Mohammed H. Hassan**, Ahmed M. Tohamy. The effect of moderate and severe burn injuries on human liver, kidney & blood (biochemical study). Zagazig J. Forensic Med.& Toxicol. Vol.(16) No. (1) Jan 2018.
2. Wafaa M. Abdel-Maged, **Mohammed H. Hassan**, Mohamed A. Mostafa, Nagwa S. Ahmed and Ereny S. Samy. Lesional levels of superoxide dismutase and malondialdehyde in paucibacillary and multibacillary leprosy patients. Journal of the Egyptian Women's Dermatologic Society. DOI: 10.1097/01.EWX.0000521801.05401.e3. 2017, 14:156–160
3. Tahia H. Saleem, **Mohammed H. Hassan** , Ahmed El-Abd Ahmed , Ayat A. Sayed , Nahed A. Mohamed , Khalid I. Elsayh, Abdallah M.A.A. El-Ebidi and Norhan B.B. Mohammed. Clinical and

- genetic assessment of pediatric patients with Gaucher's disease in Upper Egypt. The Egyptian Journal of Medical Human Genetics. doi: 10.1016/j.ejmhg.2016.08.005. (2017) 18, 249–255.
4. Farouk A, Elminshawy A, Abdel Bary M, **Hassan MH**, Abd el-Rahman KAe-b, Saleem TH, Serial changes in the serum levels of leptin, homocysteine, galectin-3, total phospholipids and hexosamines among patients undergoing coronary artery bypass grafting, Journal of the Egyptian Society of Cardio-Thoracic Surgery 24 (2016) 207-214. doi: 10.1016/j.jescts.2016.10.002.
 5. Ahmed Farouk, Magdy Algowhary, **Mohammed H. Hassan**, ,Ahmed Elminshawy, Mohamed Abdel-Bary, Hatem H.M. Maghraby, Tahia H. Saleem. Circulating B-type natriuretic peptide levels and its correlation to Qp/Qs ratio among children undergoing congenital heart surgery. Journal of the Egyptian Society of Cardio-Thoracic Surgery.2017; 25: 58-63.
 6. F.F. AbdelHafez, Y. Tang , **M.H. Hassan**, T.H. Saleem, Assessment of Anti-Mullerian Hormone (AMH) levels in a pilot cohort of peripubertal females: Correlation with sex maturity rating (SMR), Middle East Fertil Soc J (2018), <https://doi.org/10.1016/j.mefs.2018.01.004>. Volume 23, Issue 4, December 2018, Pages 278-280

B) International Publications:

1. Sawsan M A. Abuhamdah, Ghaleb A. Oriquat, Tahia H. Saleem and **Mohammed H. Hassan**. Prevalence of Lactose Intolerance in Primary School Children in Qena Governorate, Egypt. JJBS 2013; 6 (4):334-336.
2. Tahia H. Saleem, Hamdy N. Eltalawy, Ahmed E. Ahmed, Nagla H. Abu-faddan, Nahed A. Mohamed, Ayat A Sayed, Yasser Gamal and **Mohammed H. Hassan**. Glycogen storage disease type-I among pediatric patients in Upper Egypt. Glo. Adv. Res. J. Med. Med. Sci.2014; 3(10): 281-290.
3. Hamdy N. El-Tallawy, Tahia H. Saleem, Nagla H. Abu-faddan, Ahmed E. Ahmed, Nahed A. Mohamed, **Mohammed H. Hassan**, Mohamed A. Abdelhamed and Tohamy AM. Relative Frequency of Inborn Errors of Metabolism among Children with Delayed Developmental Disabilities in Upper Egypt. Asian Journal of Biochemical and Pharmaceutical Research 2015; 4(5): 123-130.
4. AE Ahmed and **MH Hassan** . Steroid 21-hydroxylase Deficiency in a Newborn Female with Ambiguous Genitalia in Upper Egypt. West Indian Med J. doi:10.7727/wimj.2016.144.

5. Hasan S. Mahmoud, Mohamad M. Helal, **Mohammed H. Hassan** and Mahmoud F. Sherif. Correlation between Anthropometric Measures, Lipid Profile and Serum Adiponectin and Steatosis in Nondiabetic Nonalcoholic Fatty Liver Disease. BJMMR.2015; 7(9): 771-778.
6. Sayed H. Madboly, Elsaied M.E. Elbawab, Abdallah M. A.A. El-Ebidi, Omar A.E. Sayed, **Mohammed H. Hassan**, Tahia H. Saleem and Sameh S.E. Elsayed. Correlations of circulating levels of oxidants, antioxidants and soluble Fas in breast cancer among Egyptian females. International Journal of Basic and Applied Sciences, 5 (2) (2016) 110-114. doi: 10.14419/ijbas.v5i2.5765.
7. Tahia H. Saleem, **Mohammed H. Hassan**, Zeinab M. Mohey El Deen, Ahmed El-Abd Ahmed, Abdallah M. A.A. El-Ebidi, Heba M. Qubaisy, Omayma A. Hasan. Biochemical assessment of homocysteine and lipid profile in pediatric stroke: an Egyptian study. Int J Cur Res Rev. 2016; 8(6): 22-29.
8. Ahmed Farouk, Ahmed Mohamed Fathy Ghoneim, Khaled Abd el-baqy Abd el-Rahman, **Mohammed H. Hassan** and Tahia H. Saleem. Role of pyruvate, lactate and L-carnitine serum level assays in evaluation and reducing the global intraoperative cardiac ischemia among patients undergoing coronary artery bypass grafting. International Journal Of Current Research. Vol. 8, Issue, 06, pp.33625-33631, June, 2016.
9. Farouk A, **Hassan MH**. Effect of Coronary Artery Bypass Grafting on the Plasma Levels of VEGF, bFGF, Copper and NO as Angiogenic Biomarkers in Chronic Ischemic Heart Disease Patients. Ann Clin Lab Res. 2016; 4(3): 1-6.
10. Ahmed Farouk, **Mohammed H. Hassan**, Mohammed Alaa Nady, Mohammed Farouk Abdel Hafez. Role of oxidative stress and outcome of various surgical approaches among patients with bullous lung disease candidate for surgical interference. Journal of Thoracic Disease. 2016; 8(10):2936-2941. doi: 10.21037/jtd.2016.10.41.
11. Hanan A. Assaf, Wafaa M. Abdel-Maged, Bakheet E. M. Elsadek, **Mohammed H. Hassan**, Mohamed A. Adly, and Soher A. Ali, "Survivin as a Novel Biomarker in the Pathogenesis of Acne Vulgaris and Its Correlation to Insulin-Like Growth Factor-I," Disease Markers, vol. 2016, Article ID 7040312, 8 pages, 2016. doi:10.1155/2016/7040312.
12. **Mohammed H. Hassan**, Ayat A. Sayed, Ahmed El-Abd Ahmed, Tahia H. Saleem, Khalid I. Elsayh and Norhan B. B. Mohammed. Effect of Enzyme Replacement Therapy on Disease Burden Biomarkers in Gaucher's Disease. International Journal of Biochemistry Research & Review. 2016; 15(2), 1-6.

13. Ayman M. El Makakey, Radwa M. EL-Sharaby, **Mohammed H. Hassan** and Alaa Balbaa, Comparative study of the efficacy of Pulsed Electromagnetic Field and Low Level Laser Therapy on Mitogen-Activated Protein Kinases, *Biochemistry and Biophysics Reports*, 9 (2017) 316–321. DOI information: 10.1016/j.bbrep.2017.01.008.
14. Tahia H. Saleem, **Mohammed H. Hassan**, Ghaleb Oriquat, Amal A. S. Soliman, Aliaa A. Youssef and Wesam G. Ammari. Blood Gases, Plasma Ammonia Levels and Urine Analysis; A Potential for Early Detection of Some Inborn Errors of Metabolism. *International Journal of Biochemistry Research & Review* 2016;15 (4):1-10. DOI: 10.9734/IJBCRR/2016/31021.
15. Hamdy N. El-Tallawy, Tahia H. Saleem, Abdallah M. A.A. El-Ebidi, **Mohammed H. Hassan**, Romany H. Gabra ,Wafaa M.A.Farghaly, Nagwa Abo El-Maali and Hoda S. Sherkawy. Clinical and biochemical study of D-serine metabolism among schizophrenia patients. *Neuropsychiatric Disease and Treatment*; 2017; 13: 1057-1063.
16. Hussein M. Eldeeb, Nagwa S. Ahmed, Saadeldin Abdelfattah, Abdelzaher M. H, Mohammad, Mohammad Abolfotoh, Hassan Y. Ahmed and **Mohammed H. Hassan**. Paraoxonase activity and gene polymorphism in colorectal cancer Egyptian patients. *N Y Sci J* 2017; 10(4):27-36.
17. Tahia H. Saleem, Hamdy N. Eltalawy, Ahmed El-Abd Ahmed, Nagla H. Abu-Faddan, **Mohammed H. Hassan**, Ayat A. Sayed and Hussein M. Eldeeb. Correlations of Plasma Biotinidase Levels with Hepatic Synthetic Functions in Children with Chronic Liver Diseases. *International Journal of Biochemistry Research & Review* 2017; 16(4): 1-7. DOI: 10.9734/IJBCRR/2017/32764.
18. **Mohammed H. Hassan**, Ayat A. Sayed, Ahmed El-Abd Ahmed, and Tahia H. Saleem. Diagnostic Utility of Plasma Chitotriosidase, Total Acid Phosphatase Activity, Ferritin and Globulin Levels in Screening for Gaucher Disease. *International Journal of Biochemistry Research & Review* 2017; 16(4): 1-8. DOI: 10.9734/IJBCRR/2017/32782.
19. Tahia H. Saleem, Ahmed Helmy, Nagwa Abo El-Maali, Ayat A. Sayed, **Mohammed H. Hassan** and Mahgoub Hashem Shabaan. Biochemical assessment of oxidative stress in hepatitis C virus infected patients : A comparison of different groups. *Asian Journal of Biochemical and Pharmaceutical Research*. Issue 2(Vol. 7) 2017.1-7.
20. Ahmed El-Abd Ahmed, Eman Ahmed Abd-Elmawgood, **Mohammed H. Hassan**. Circulating protein carbonyls, antioxidant enzymes and related trace minerals among preterms with respiratory distress syndrome. *Journal of Clinical and Diagnostic Research*. 2017 Jul, Vol-11(7): BC17-BC21.

21. Tarek Desoky, **Mohammed H. Hassan**, Hanan M. Fayed, Hala M. Sakhr. Biochemical assessments of thyroid profile, serum 25-hydroxycholecalciferol and cluster of differentiation 5 expression levels among children with autism. *Neuropsychiatric Disease and Treatment* 2017;13:2397-2403.
22. F. AbdelHafez, A. McPeak, **M. H. Hassan**, T. H. Saleem. Assessment of anti-mullerian hormone (AMH) levels in prepubertal children: a correlation with sex maturity rating. *Fertility and sterility*. 2017; 108(3):e215 . DOI: 10.1016/j.fertnstert.2017.07.636.
23. Tahia H. Saleem, Hamdy N. Eltalawy, Ahmed E. Ahmed, Nagla H. Abu-faddan, Nahed A. Mohamed, Ayat A Sayed, Yasser Gamal and **Mohammed H. Hassan**. Glycogen storage disease type-IV: A case report. *The Pharmaceutical and Chemical Journal*, 2017, 4(5):8-12.
24. Ahmed Farouk, Hala M. ElBadre, **Mohammed H. Hassan**, Mohamed A.M. Mostafa, Mohamed Abdel-Bary, and Tahia H. Saleem. Phospholipids and L-carnitine screening in children with Congenital Heart Diseases undergoing surgical correction. *International annals of medicine*. 2018;2(1):1-7. <https://doi.org/10.24087/IAM.2018.2.1.400>.
25. Hosny M.A. El-Masry, Amira M.M. Hamed, **Mohammed H. Hassan**, Hanan M. Fayed, M.H. Abdelzaher. Thyroid function among children with iron deficiency anemia: Pre- and Post-iron replacement therapy. *Journal of Clinical and Diagnostic Research*. *Journal of Clinical and Diagnostic Research*. 2018 Jan, Vol-12(1): BC01-BC05.
26. Osman HA, Aly SS, Salah-Eldin EM, El-Masry MA, **Hassan MH**. Diagnostic validity of flow cytometry vs manual counting of polymorphonuclear leukocytes in spontaneous bacterial peritonitis. *J Clin Lab Anal*. 2018;e22395. <https://doi.org/10.1002/jcla.22395>.
27. Ahmed F. Abdel-latif, Salah M. Saleh, Hatem S. Mohammed, Mohamed Abdel-Bary, Mona M. Abdelmegid, Abdelkader Ahmed Hashim, **Mohammed H. Hassan**, Ahmed Farouk and Hany A. Ibrahim. Does erythropoietin have a reno-protective impact in patients undergoing Coronary Artery Bypass Grafting? A randomized, double-blind, placebo-controlled trial. *J Am Sci* 2018;14(2):1-8.
28. Mohamed A. Alsenbesy, Abdel-Kader A. Hashim, Abdallah E. Mohamed, **Mohammed H. Hassan**. Clinical and Biochemical study of fibroblast growth factor 23 in chronic kidney disease. *International journal of advanced research*. 2018; 6 (3). 334-340.
29. Rashwan NI, **Hassan MH**, Mohey El-Deen ZM, El-Abd Ahmed A, Validity of Biomarkers in Screening for Neonatal Sepsis – A Single center -Hospital based- Study, *Pediatrics and Neonatology* (2018 , May 12. pii: S1875-9572(17)30647-2. doi: 10.1016/j.pedneo.2018.05.001. [Epub ahead of print]

- 30.El-Masry, H.M.A., Sadek, A.A., **Hassan, M.H.**, Ameen, H.H., Ahmed, H.A. Metabolic profile of oxidative stress and trace elements in febrile seizures among children. *Metab Brain Dis* . October 2018, Volume 33, Issue 5, pp 1509–1515 <https://doi.org/10.1007/s11011-018-0258-7>. Accepted as oral presentation in (2nd World Congress on Biotechnology and Biological Studies, October 18-19, 2018 Bangkok, Thailand)
- 31.Amro M. Hassan, Heba A. Osman, Hasan S. Mahmoud, **Mohammed H. Hassan**, Abdel-Kader A. Hashim, Hisham H. Ameen. Sofosbuvir–daclatasvir improves hepatitis C virus–induced mixed cryoglobulinemia: Upper Egypt experience. *Infection and Drug resistance*. 2018;11 895–901.
- 32.Wafaa M. Abd-Elmaged, Essam E.A. Nada, **Mohammed H. Hassan**, Bakheet E. M. Elsadek, Eman A. Abdelrahim, Nagwa S. Ahmed, Rana Toghan, Heba T.I. Ahmed. Lesional and circulating levels of interleukin-17 and 25-hydroxycholecalciferol in active acne vulgaris: correlation to disease severity. *Cosmetic dermatology journal*.2018. doi: 10.1111/jocd.12715.
- 33.Saleem TH, Abo El-Maali N, **Hassan MH**, Mohamed NA, Mostafa NAM, Abdel-Kahaar E, Tammam AS. Comparative Protective Effects of N-Acetylcysteine, N-Acetyl Methionine, and N-Acetyl Glucosamine against Paracetamol and Phenacetin Therapeutic Doses-Induced Hepatotoxicity in Rats. *Int J Hepatol*. 2018 Sep 2;2018:7603437. doi: 10.1155/2018/7603437.
34. Heba Ahmed Osman, Sanaa S. Aly, Hasan S. Mahmoud, Eman H. Ahmed, Eman M. Salah Eldin, Eman A. Abdelrahim, Muhammad A. El masry, Rania A. Herdan, **Mohammed H. Hassan**. Effect of Acid Suppression on Peripheral T-Lymphocyte Subsets and Immunohistochemical Esophageal Mucosal Changes in Patients With Gastroesophageal Reflux Disease. *J Clin Gastroenterol*. 2018 Aug 16. doi: 10.1097/MCG.0000000000001098.
- 35.Ahmed El-Abd Ahmed, **Mohammed H. Hassan**, Nagwan I. Rashwan, Mohammed M. Sayed, Abdel-Raheim M.A. Meki. Myocardial injury induced by scorpion sting envenoming and evidence of oxidative stress in Egyptian children. *Toxicon* 153 (2018) 72–77.
- 36.Tahia H. Saleem, Ahmed El-Abd Ahmed, **Mohammed H. Hassan**, Nagwan I. Rashwan, Doha Abel-Raheem Salama. Arterial blood gases and blood ammonia as primary screening tests for pediatric patients suspected to have urea cycle disorders. *Archives of Pediatrics*.2018. 2018 (3).1-10.
- 37.Sadek AA, **Hassan MH**, Mohammed NA. Clinical and neuropsychological outcomes for children with phenylketonuria in

- Upper Egypt; a single-center study over 5 years. *Neuropsychiatr Dis Treat.* 2018 Oct 5;14:2551-2561. doi: 10.2147/NDT.S176198.
38. Abeer Ibrahim; Asmaa M Zahran; Sanaa Shaker Aly; Ahmed Refaat; **Mohammed H Hassan**. CD56 and CD11b Positivity with Low Smac/DIABLO Expression as Predictors of Chemoresistance in Acute Myeloid Leukaemia: Flow Cytometric Analysis. *Asian Pacific journal of cancer prevention: Asian Pac J Cancer Prev.* 2018 Nov 29;19(11):3187-3192.
39. Magdy M. Kamel, Samir M. Mounir, Nagwa I. Okaily, Mohammed H. Abdelzaher, **Mohammed H. Hassan**. Possible role of heat shock protein70 (Hsp70) in childhood seizures. *International journal of epilepsy.* DOI: 10.1055/s-0038-1676907.
40. **Mohammed H. Hassan**, Hassan M Ibrahim, Moustafa A. El Taieb. 25-Hydroxy cholecalciferol, anti-Müllerian hormone and thyroid profiles among infertile men. *The Aging male*, 2018 Nov 22:1-7. doi: 10.1080/13685538.2018.1538338. [Epub ahead of print].
41. Asmaa M. El-Kady, Osama H. Abdella, Amal A. Hassan, Yasser Mokhtar, **Mohammed H. Hassan**. Comparative validity of ELISA and indirect haemagglutination in diagnosing *Schistosoma haematobium* infection: An Egyptian study. *Int. J. Trop. Med.*, 13 (4-6): 39-42, 2018.
42. Samira Zein Sayed , Samir Mohamed Mounir , Ahmed Abo-Hasseba Mohamed , Amr Mohammed Nabil , **Mohammed H. Hassan**. Assessment of psychological disorders among Egyptian children with hearing impairment. *SUDANESE JOURNAL OF PAEDIATRICS* 2018; Vol 18, Issue No. 2.
43. **Mohammed H. Hassan**, Tarek Desoky, Hala M. Sakhr, Romany H. Gabra, Ali Helmi Bakri. Possible metabolic alterations among autistic male children: Clinical and biochemical approaches. *Journal of molecular neuroscience.* 2019 Feb;67(2):204-216. doi: 10.1007/s12031-018-1225-9.
44. Tahia H. Saleem, Sotohy A. Sotohy, **Mohammed H. Hassan**, Marwa El-Zeftawy, Eman A. Ahmed. Could paracetamol induces acute renal impairment when used in therapeutic doses? A rat model study. *Chemistry Research Journal*, 2019, 4(1):1-5
45. Samir M Mounir, Abdel-Hakeem Abdel-Mohsen, Ahmed A Saedii, Mohammed H Hassan. Neuroglobin as a Novel Biomarker in Childhood Seizures. *Neuropsychiatry (London)* (2019) 9(2), 749–751.
46. Ahmed El-Abd Ahmed, Hala M. Sakhr, **Mohammed H. Hassan**, Mostafa I. El-Amir, Hesham H. Ameen. Vitamin D receptor rs7975232, rs 731236 and rs1544410 single nucleotide polymorphisms, and 25-Hydroxyvitamin D levels in Egyptian children

with type1 diabetes mellitus: Effect of vitamin D co-therapy. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy 2019:12 703–716.

47. Aida A. Mahmoud, **Mohammed H. Hassan**, Ali A. Ghweil , Amany Abdelrahman, Asmaa N. Mohammad, Hesham H. Ameen. Urinary 8-hydroxydeoxyguanosine in relation to XRCC1 rs25487 G/A (Arg399Gln) and OGG1 rs1052133 C/G (Ser326Cys) DNA repair genes polymorphisms in patients with chronic hepatitis C and related hepatocellular carcinoma. Cancer Management and Research 2019:11 5343–5351.
48. Amira M. M. Hamed, Alaa-Eldin A. Hassan, Yaser Tolba Kassem, **Mohammed H. Hassan**. Circulating nitric oxide, malondialdehyde and total antioxidant capacity levels among term septic neonates. Current pediatrics research.2019 volume 23 (2):106-111.
49. Tahia H. Saleem and **Mohammed H. Hassan**. Map of some inborn errors of metabolism in Upper Egypt: Metabolic and Genetic Disorders' unit, ten years' experience. East African Scholars Journal of Medical Sciences. 2019; Volume-2 | Issue-6|: 306-310.
50. **Mohammed H. Hassan**, Eatemad A. Awadalla, RanaA. Ali, Samer F. Saad, Emaad Abdel-Kahaar. Thiamine deficiency and oxidative stress induced by prolonged metronidazole therapy can explain its side effects of neurotoxicity and infertility in experimental animals: Effect of grapefruit co-therapy. Human and experimental toxicology. Accepted. In press.
51. Ali A. Ghweil, Heba A. Osman, Abeer M. M. sabry, Reem E. Mahdy, Ahmed R.H. Ahmed, Ahmed Okasha, Ashraf Khodeary, **Mohammed H. Hassan**. Validity of serum Amyloid A and High Mobility Group Box1 (HMGB1) as biomarkers for early diagnosis of gastric cancer. Cancer Management and Research. Accepted. In press.

Manuscripts under processing for international publication

1. Asmaa El-kady, **Mohammed H. Hassan**, Zamoto-Niikura , Nahed A. Mohamed, Samer A. Elsayy, Hesham H. Ameen, Asmaa Adel, Fathy Abdelghaffar: First record of the prevalence of Babesia microti Hobetsu-lineage antibodies among human blood donors in Qena Province, Upper Egypt, Egypt: An immunological study.
2. Hala M. Sakhre, **Mohammed H. Hassan**. Neurometals and ammonia profiles in type 1 diabetic children with attention deficit hyperactivity disorder: Correlations with glycaemic control.
3. Ali A. Ghweil, Heba A. Osman, Ashraf Khodeary, Ahmed Okasha, **Mohammed H. Hassan**. Relative frequency of acute pancreatitis from dengue outbreak as a late complication, in Red-sea Province, Egypt: A clinico-laboratory study.
4. Hassan M. Ibrahim, **Mohammed H. Hassan**, Moustafa A. El-Taieb, Nahed Fares, Hanan M. Fayed. Men with idiopathic oligoasthenoteratozoospermia exhibited lower serum and seminal plasma melatonin levels: Comparative effect of night-light exposure with fertile males.
5. Ahmed El-Abd Ahmed, **Mohammed H. Hassan**, Hala M. Sakhr, Nezar Abo-Halawa, Ghada M. Abdel-Razik, Mohamed A. Negm, Wael Wagdy, Fatma A. Moubarak. Validity of plasma and urinary intestinal fatty acid binding protein in neonates with necrotizing enterocolitis: Clinical, biochemical, radiological and surgical considerations.

Thanks a lot for your precious time taken in reading my C.V.