

Mohamed Ibrahim Madkour, Ph.D.

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Career Objective

My research focus is on Molecular & Clinical Biochemistry applications in Diabetes, Metabolic Syndrome, and chronic inflammatory diseases. I understand that success in any workplace task requires responsibility, inspiration, and cooperation, and I work hard to achieve my goal.

Academic Degrees

“All my certificates (High school, B.Sc. and M. Sc) have been evaluated by International Educational Education Research Foundation, INC. (IREF), California, USA and have been evaluated for US equivalency.”

- *From 2016 to 2020*

Ph.D. in Biochemistry (Biomedical Sciences, Molecular & Clinical Biochemistry).

Ain Shams University, Egypt, and Lübeck University, Germany (Channel system).

Thesis. “The Role of Haptoglobin Polymorphism in Gene Expression of CD163 Receptors in Obesity”

- *From 2004 to 2007*

M.Sc. in Biochemistry (Biomedical Science, Immunology).

Mansoura University (Egypt). May 2007, Accredited & equivalenced by MOE, UAE.

Thesis. “Immunological and Biochemical changes accompanying fluoride ion exposure.”

- *From 1997 to 2001*

B.Sc. in Biochemistry & Chemistry.

Mansoura University, Egypt. Completed May 2001. (I ranked 5th in the final evaluation of the College of Science.) These data are available under ID 905358 on Mansoura University’s internet site <http://mudb.mans.edu.eg/graduates>.

Current position

Lecturer, Biomedical Sciences

Medical Laboratory Sciences Department, College of Health Sciences, University of Sharjah, Sharjah, UAE.

Licenses

- 2006: Health Authority Abu Dhabi (HAAD) in UAE, Senior Laboratory Technologist.
- 2005: Ministry of Health (MOH) license in UAE, as Medical Laboratory Technologist.
- 2001: Syndicate of professions science license as Medical Laboratory Scientist in Egypt.

Professional memberships

- Member at Egyptian Syndicate of the scientific profession under No. 68419. www.essp-egypt.com.
- Protecting Human Research Participant (IRB certification number 772489), Office of Extramural Research, National Institute of Health (NIH). Oct 2011.

Publications:

Citation Metrics	Bibliographic Database	
	Google Scholar ^(link)	Scopus ^(link)
Sum of times cited	271	189
<i>h</i> -index	10	8

- 1- Jahrami, H.A., Faris, M.E., Janahi, A., Janahi, M., Abdelrahim, D.N., **Madkour, M.I.**, Sater, M.S., Hassan, A.B., and Bahammam, A.S. (2021). Does four-week consecutive, dawn-to-sunset intermittent fasting during Ramadan affect cardiometabolic risk factors in healthy adults? A systematic review, meta-analysis, and meta-regression. *Nutrition, Metabolism and Cardiovascular Diseases*.
- 2- Entesar Z Dalah, Moez Al Islam Faris, Hayder A. Hasan, **Mohammed I. Madkour**, Abdulmunhem Obaideen (2021). Assessing visceral and subcutaneous adiposity using segmented T2-MRI and multi-frequency segmental bioelectrical impedance: A sex-based comparative study. *Acta Biomed* 92, 2.
- 3- Soliman, S. S. M., Hamdy, R., Elseginy, S. A., Gebremariam, T., Hamoda, A.M., **Mohamed Madkour**, Thenmozhi Venkatachalam, Mai N Ershaid, Mohammad G Mohammad, Georgios Chamilos, Ashraf S Ibrahim (2020). Selective inhibition of Rhizopus eumelanin biosynthesis by novel natural product scaffold-based designs caused significant inhibition of fungal pathogenesis. *Biochemical Journal*, 477(13), 2489-2507.
- 4- Al-Rawi, N., **Madkour, M.**, Jahrami, H., Salahat, D., Alhasan, F., BaHammam, A., & Al-Islam Faris, M. e. (2020). Effect of diurnal intermittent fasting during Ramadan on ghrelin, leptin, melatonin, and cortisol levels among overweight and obese subjects: A prospective observational study. *PloS one*, 15(8), e0237922.
- 5- Jahrami, H., BaHammam, A., Kalaji, Z., **Madkour, M.**, & Hassanein, M. (2020). A systematic review, meta-analysis, and meta-regression of the impact of diurnal intermittent fasting during Ramadan on glucometabolic markers in healthy subjects. *Diabetes research and clinical practice*, 165
- 6- **Madkour, M.**, Hassan, R., Sherif, N., Awadallah, S., Serafi, A., Jahrami, H., & Faris, M. (2020). Modulation of Anti-Oxidant, Anti-Inflammatory and Metabolism-Controlling Genes Expressions by Ramadan Intermittent Fasting: A Prospective Observational Study. *Current Developments in Nutrition*, 4(Supplement_2), 1265-1265.
- 7- Touil, H. F., K. Boucherit, Z. Boucherit-Otmani, G. Kohder, **M. Madkour**, and S. S. Soliman (2020). "Optimum inhibition of amphotericin-b-resistant *Candida albicans* strain in single-and mixed-species biofilms by *Candida* and non-*Candida* terpenoids." *Biomolecules* 10(2): 342.
- 8- **Madkour, M. I.**, A. T. El-Serafi, H. A. Jahrami, N. M. Sherif, R. E. Hassan, and S. Awadallah (2019). "Ramadan diurnal intermittent fasting modulates SOD2, TFAM, Nrf2, and sirtuins (SIRT1, SIRT3) gene expressions in subjects with overweight and obesity." *Diabetes research and clinical practice* 155: 107801.

- 9- Mo'ez Al-Islam, E. F., M. L. Salem, H. A. Jahrami, **M. I. Madkour**, and A. S. BaHammam (2020). "Ramadan intermittent fasting and immunity: An important topic in the era of COVID-19." Annals of thoracic Medicine, DOI.10.4103/atm.ATM_151_20.
- 10- **Madkour, M. I.**, Mo'ez Al-Islam, E. F., A. K. Obaideen, E. Z. Dalah, H. A. Hasan, H. Radwan, H. A. Jahrami, O. Hamdy and M. G. Mohammad (2019). "Effect of Ramadan diurnal fasting on visceral adiposity and serum adipokines in overweight and obese individuals." Diabetes research and clinical practice **153**: 166-175.
- 11- Omar, H. A., A. T. El-Serafi, F. Hersi, E. S. A. Arafa, D. M. Zaher, **M. Madkour**, H. H. Arab, and M. F. Tolba (2019). "Immunomodulatory MicroRNAs in cancer: Targeting immune checkpoints and the tumor microenvironment." The FEBS journal **286**(18): 3540-3557.
- 12- AbuOdeh, R., S. Ezzedine, **M. Madkour**, C. R. Stensvold, A. Samie, G. Nasrallah, E. AlAbsi, and A. ElBakri (2019). "Molecular subtyping of Blastocystis from diverse animals in the United Arab Emirates." Protist **170**(5): 125679.
- 13- Attlee, A., H. Hasan, A. AlQattan, N. Sarhan, R. Alshammari, S. Ali, M. Nabil, A. Alattrash, V. Raigangar, and **M. Madkour** (2019). "Relationship of salivary adipocytokines, diet quality, physical activity, and nutrition status in adult Emirati females in United Arab Emirates." Diabetes & Metabolic Syndrome: Clinical Research & Reviews **13**(1): 40-46.
- 14- Awadallah, S., H. Hasan, A. Attlee, V. Raigangar, H. Unnikannan, **M. Madkour**, M. S. Abraham, and L. M. Rashid (2019). "Waist circumference is a major determinant of oxidative stress in subjects with and without metabolic syndrome." Diabetes & Metabolic Syndrome: Clinical Research & Reviews **13**(4): 2541-2547.
- 15- Faris, M. E. A.-I. E., H. A. Jahrami, A. A. Obaideen, and **M. I. Madkour** (2019). "Impact of diurnal intermittent fasting during Ramadan on inflammatory and oxidative stress markers in healthy people: Systematic review and meta-analysis." Journal of Nutrition & Intermediary Metabolism **15**: 18-26.
- 16- Soliman, S., M. G. Mohammad, A. A. El-Keblawy, H. Omar, M. Abouleish, **M. Madkour**, A. Elnaggar, and R. M. Hosni (2018). "Mechanical and phytochemical protection mechanisms of Calligonum comosum in arid deserts." PloS one **13**(2).
- 17- Bajbouj, K., J. Shafarin, H. Allam, **M. Madkour**, S. Awadallah, A. El-Serafy, D. Sandeep, and M. Hamad (2018). "Elevated levels of estrogen suppress hepcidin synthesis and enhance serum iron availability in premenopausal women." Experimental and Clinical Endocrinology & Diabetes **126**(07): 453-459.
- 18- Hasan, H., A. Attlee, V. Raigangar, **M. Madkour**, and S. Awadallah (2017). "Proprotein convertase subtilisin/Kexin type 9 (PCSK9) and metabolic syndrome components among young adult females." Diabetes & Metabolic Syndrome: Clinical Research & Reviews **11**: S337-S341.

- 19- Awadallah, S., **M. Madkour**, R. Al Hamidi, E. A. Alwafa, M. Hattab, B. Zakkour, A. Al-Matroushi, E. Ahmed, and M. Al-Kitbi (2017). "Plasma levels of Apolipoprotein A1 and Lecithin: Cholesterol Acyltransferase in type 2 diabetes mellitus: Correlations with haptoglobin phenotypes." Diabetes & Metabolic Syndrome: Clinical Research & Reviews 11: S543-S546.

Submitted articles:

- 1- Hayder Hasan, **M. Madkour**, Samir Awadallah, Haitham Jahrami, "Mo'ez Al-Islam" Faris. "Impact of Ramadan intermittent fasting on circulating proprotein convertase subtilisin/kexin type 9 (PCSK9) in metabolically healthy obesity subjects."
- 2- Amita Attlee, Hayder Hasan, Veena Raigangar, Hema Unnikannan, **Mohamed Madkour**, Samir Awadallah." Haptoglobin concentrations and phenotypes associations with obesity measures and inflammatory biomarkers in overweight /obese adults."
- 3- Mohammad G Mohammad, Ahmed El-Serafi, **Mohamed Madkour**, Abeer Alhabshi, Ansar Wadea, Rula Abo Jabal, Divyasree P, Sameh S.M. Soliman." The effect of enriched oil fraction from Calligonum comosum on mouse 3T3-preadipocytes" bioRxiv.
- 4- **Mohamed I. Madkour**, Rasha E. Hassan, Naglaa M. Sherif, Samir Awadallah, Haitham A. Jahrami, MoezAlIslam E. Faris."The effect of haptoglobin polymorphisms on serum CD163 and haptoglobin inflammatory markers in response to four consecutive weeks, dawn to sunset intermittent fasting among subjects with overweight/obesity."

SCIENTIFIC ABSTRACTS AND POSTER PRESENTATIONS:

- Madkour M, et al. Modulation of Antioxidant, Anti-Inflammatory, and Metabolism Controlling Genes Expressions by Ramadan Intermittent Fasting: A Prospective Observational Study. Nutrition 2020 Live Conference, American Nutrition Society, USA.
- Accepted Abstract "Intermittent Prolonged Fasting During Ramadan Fasting Modulated Circulatory Adipokines, Body Composition, and Visceral Fat in Healthy Subjects". EUSTM-2017, 5th Annual European Conference on Clinical and Translational Sciences 20-22 October 2017
- Accepted poster "Hepcidin mediates estrogen-dependent changes in serum iron availability in humans". In 5th World Congress on Diabetes & Metabolism, Las Vegas, USA, 3-5 November 2014

Research Funding and Grants

1. Wiam Elshami, **Mohamed Madkour**, Samir Awad Allah, Entesar Dalah, Mohamed Abuzaid. Correlation between occupational radiation dose, oxidative status and inflammatory parameters for radiology workers. 80,000 AED, 2019.
2. Kalyana Chakravarthy Bairapareddy, Tamer Mohamed Shousha, Moez Al-Islam E. Farris, **Mohamed Madkour**. "Effect of physical activity promotion using culturally adapted-compendium of activities on cardiometabolic risk factors in sedentary Arab population." 80,000 AED, 2019.

3. Mohamed Ghaleb, **Mohamed Madkour**, Abdou Elsharawy. “The anti-tumor effects of dendritic cell exosome secretions”. Deanship of Scientific Research and Graduate Studies, University of Sharjah, UAE. 80,000 AED, 2017-2018.
4. Faris MAIE, Al-Serafy A, Obaideen A., **Mohamed Madkour**. “Study of the Effect of Ramadan Intermittent Fasting on Oxidative Stress, Body Adiposity and Metabolic Markers as Affected by SIRT3 Gene Expression in Metabolic Syndrome Patients”. Deanship of Scientific Research and Graduate Studies, University of Sharjah, UAE. 80,000 AED.
5. Samir Awad Allah, Amitta Attlee, Haidar Hassan, Veena Raigangar, **Mohamed Madkour**, Metabolic syndrome Research group, SIMR, Sharjah University. Collaborative grants 200,000 AED, 2016-2017.
6. Faris MAIE, Al-Serafy A, Wael Hassan, and Mustafa Ala-Eddin, **Mohamed Madkour**. “Mitochondrial and Metabolic Gene Profiling of Ramadan Intermittent Fasting in Metabolic Syndrome Patients” Deanship of Scientific Research and Graduate Studies, University of Sharjah, UAE. 200,000 AED., 2016-2017.

Work Experience

From Sep 2013 till present

- **Lecturer, Biomedical Sciences, Medical Laboratory Sciences Department, College of Health Sciences, University of Sharjah, Sharjah, UAE.**
 - Teaching and evaluating relevant subjects in the Medical lab sciences discipline areas: such as Molecular Genetics, Biochemistry, Phlebotomy, Clinical Chemistry 1 & 2, urinalysis & fluids and Immunology. Also, a general course for Health Science college as Biology and Anatomy & Physiology.
 - Assessment of the students in clinical areas and provide them with Biomedical sciences lab skills.
 - Identifying health problems; planning and conducting relevant research with our research group in Sharjah Institute for Medical Research (SIMR).
 - Advising the students with guiding and counseling concerning academic performance, career opportunities, and pursuit of advanced degrees
 - Evaluating teaching and learning activities; and directing and coordinating courses assigned from time to time.
 - Carrying out administrative duties, including chairing committees like (Accreditation committee, Timetable committee) serving as a member of an academic department, and representing the university in the community at large.

From Sep 2009 to Aug 2013

- **Biomedical Sciences Lab In-charge and Teaching Assistant, Qatar University, Biomedical Program, Health Sciences Department, Doha, Qatar.**
 - Work as a research associate with faculty members and the graduates on their research projects (Two projects granted by Qatar foundation (NPRP)).
 - Preparation of the department budget and follow-up with the equipment and consumables maintenance.

- Work as a teaching assistant in the student's laboratories, including Clinical Chemistry, Genetics, Blood Bank, Hematology, Urinalysis, and Physiology courses.
- A Member of the safety committee in the college, assisting the students with laboratory skills.
- Preparation of Biomedical Sciences lab to the NAACLS Accreditation requirements

From March 2006 to August 2009

▪ **Senior Medical Laboratory Technologist,
Disease Prevention and Screening Center (a reference lab for the WHO), Ambulatory Health Services, Health Authority Abu Dhabi, Abu Dhabi, United Arab Emirates (UAE).**

- Was designated as the TRACK MASTER of APS (Accelerator Processing system), ABBOTT. Responsible for Safety, Manual Handling, and Ergonomics lectures (Instructor) to Colleagues in Sheikh Khalifa Medical City (SKMC), UAE.
- Responsible for safety precautions & preventive measures for infectious disease.
- Enhance the laboratory standard according to JCIA and updating SOPs. Supervise & follow the quality control program.
- Supervise the periodic maintenance of medical instruments and submit a monthly report on laboratory instrument efficiency.
- Help in solving technical & administration problems in the laboratory section. Ensure the accuracy of the results before putting it on the computer system.
- **Instructor** for Mandatory Courses (Safety & Emergency plans) in Preventive Medicine, AHS, SEHA, HAAD, Abu Dhabi.
- Participate in performance appraisal of routine work. Participate in the training of the new technicians.
- Submit complete, efficient medical reports on individual cases.
- Participate in arranging the request form & monthly/annual statistical data.

From 2nd Nov 2003 to 1st March 2006

▪ **Medical Laboratory Scientist,
Children's Hospital, Mansoura University, Mansoura, Egypt.**

- Researcher in Immunology lab using the applications of Monoclonal techniques. Assist in many research projects related to leukemia and lymphoma.
- Work closely with the mice model (Ehrlich mice) infected by hepatic viruses and Ehrlich with Ascites tumor.
- Work in factories field with the workers to collect samples from them to study the immunological change with the inorganic ion exposure.

From April 2002 to 1st Nov 2003

▪ **Instructor (Academic researcher)**

- Have a scholarship in the faculty of science (New Damietta), Mansoura University.
- Responsible for teaching students in the Biochemistry lab.
- Prepare teaching materials, techniques, and outlines for courses plus controlling student marks, tests and evaluating their results.
- Guiding and supervising students on curriculums and syllabi.

Teaching Activities

At Mansoura University, Qatar University (Biomedical Sciences), and the University of Sharjah (Medical Lab Sciences), I taught many different courses in the Medical Lab Sciences program.

- Molecular Genetics & Biochemistry
- Immunology & Clinical Chemistry1 & 2.
- Urinalysis & Body Fluids, Hematology, and Immunohematology (Blood Bank).
- Teaching Biology & Anatomy and Physiology as a service course for all departments in the College of Health Sciences.

Innovative teaching skills:

Adopting problem-based learning (PBL) as well as team-based-learning (TBL) approaches. Teaching-related tasks include curriculum development, students' assessment through assignments, periodic, practical, oral, and final theoretical exams. Contribution to exam grading as well as preparation of the course file to be submitted to the quality assurance unit. Different teaching models are handled during my classes including team-based learning, problem-based learning, and flip class model. Also, Assignments which including online problem-based questions, mind-map questions, and practical questions; in addition to literature search and fill in blank area generated from published articles. Mentoring of students through their graduation projects for students enrolled in the MLS Program. Participation in exam control committees oversees and regulates the final exams to ensure fair and accurate exam grading.

National and International Accreditation:

Accreditation Committee member:

- In preparation of UAE Ministry of Higher education initial accreditation of master's degree in medical laboratory sciences, university of Sharjah, UAE, 2018.
Main role: preparation of market surveys, laboratory course files for self-study file. As well as, preparing all laboratories for the accreditation committee visit.
- In preparation for UAE Ministry of Higher education re-accreditation of B.Sc. Medical Laboratory Sciences, University of Sharjah, UAE, 2018.
Main role: preparation of laboratories course files for self-study file and all laboratory for accreditation committee visit.
- In preparation for the Biomedical Sciences program, Qatar university to the **NAACLS Accreditation** requirements. First accredited program outside the US. Prepare initial accreditation 2009 and re-accreditation on 2012/2013.
Main role: preparation of laboratories course files for self-study file and all laboratory for NAACLS visit.
- In preparation for **JCIA accreditation**, for Disease Prevention and Screening Center (a reference lab for the WHO), Ambulatory Health Services, Health Authority Abu Dhabi, Abu Dhabi, United Arab Emirates (UAE), 2008.
Main role: updating SOPs, accreditation file, and Supervise & follow the quality control program.

Research Fellowships

- **Project:** Nutritional and precision medicine project including genetic obesity panel, Microbiome sequencing using NGS. Lübeck Institute of Experimental Dermatology, University of Lübeck, Lübeck, Germany. Summer 2019.
- **Project: Mitochondrial and Gut Microbiota Sequencing using NGS,** as a part of Research Collaboration, Lübeck Institute of Experimental Dermatology, University of Lübeck, Lübeck, Germany. Summer 2017.

Graduation Projects Thesis Supervision

- Fall semester 2020-2021
 - *Title:* COVID19-Host Interaction: Prevalence and Risk. 4 MLS students.
- Spring Semester 2019/2020
 - *Title:* Immunomodulatory Potential of Secretory Peptides Extracted from *Rhizopus Delmar* Loaded on Nanoparticles. Co-supervision with Dr. Mohamed Ghaleb. 4 MLS students.
 - *Title:* Identification of potentially extracted anti-bacterial, Co-supervision with Dr. Mohamed Hamad. 3 MLS students.
- Fall Semester 2019/2020
 - *Title:* Microbial Profiling: Prevalence and Risk. 4 MLS students
- Spring Semester 2018/2019
 - *Title:* Hidden Fungal Species among UOS community: Investigation of *Rhizopus* spp; Risk and prevalence. 3 MLS students.
- Spring Semester 2017/2018
 - *Title:* The anti-adipogenic effects of *Calligonum* plant extract on mouse preadipocytes 3T3 cell line. 3 MLS students.
- Fall Semester 2017/2018
 - *Title:* Impact of Time-Restricted Feeding on Immuno-modulatory Response, Ramadan fasting as a Model. 4 MLS students.
- Spring Semester 2016/2017
 - *Title:* M1/M2 macrophage subpopulations, Can the good macrophages harnessed?. 2 MLS students.
- Fall Semester 2016/2017
 - *Title:* Role of rs1801282 SNP in PPARG gene and rs7903146 SNP in TCF7L2 gene in Type 2 diabetes as early diagnosis. 4 MLS students.
 - *Title:* IL6 Level as a proinflammatory in smokers and non-smokers among UoS population. 5 MLS students.
 - *Title:* Characterization and phenotyping of exosomes isolated from smoker's blood. 5 MLS students.

Awards

- **Letter of Appreciation from Chancellor,** University of Sharjah for the distinguished contribution and publication in scientific refereed journal, March 2021.
- **Poster Participant:** CHS Annual Research Forum, UOS, Title” Hidden Fungal Species among UOS community: Investigation of *Rhizopus* spp; Risk and prevalence” **Prize Awarded:** 3rd place for Medical Lab posters competition, 2nd May 2019

Technical Experience

Excellent technical experience in the following techniques:

- NGS (Trained in Lubeck University, **Germany**, Research Collaboration, Summer 2017)
- LSRFortessa Flowcytometry (Trained in BD Europe, Erembodegem, Belgium, 2011) Also, (Trained by Prof. Dr. Gerald E. Marti, FDA, NIH, the USA in Oncology Center, Mansoura University, 2008).
- LUMINEX for microarray as apart of research in proteomics and genomics (Trained in xMap university, Luminex cooperation Europe, Oosterhout, Netherland; June 2010).
- Highly Advanced Olympus microscope BX41 & Inverted IX71 with DP71 camera.
- RT-PCR & PCR and Nano spectrophotometry
- Primary and cell line culture
- Fully Automated ELISA Instruments using Liquid Handling Robots (TECAN, DAVINCI (Biomerieux), DADE Behring).
- Western Blotting & Electrophoresis
- Agilent HPLC, smart cycler & ABI for RT-PCR, and Luminex 200 for multiplex microarray.
- CMIA (chemiluminescent microparticle immunoassay) technique.
- Routine clinical laboratory techniques as I spent a two-year rotation in the following labs: Clinical chemistry, Hematology, Microbiology, Blood Bank, and Immunology.
- Experienced with LIMS (Lab Information management system).
- Familiar with the GraphPad prism, INSTAT, and SPSS statistical programs.

Technical Training

- LSRFortessa Flow cytometer, trained in BD Europe, **Belgium**, 2011
- LUMINEX for multiplex microarray as apart of research in proteomics and genomics (Trained in xMap university, Luminex cooperation Europe, Oosterhout, **Netherland**; June 2010).
- Active communication skills, Art of Meeting, Creativity and conference, organization. By Dr. Samir Abd Elhady ElHanafy, Training Specialist, Cheminova, pharmaceutical International (Spain).
- Presentation & Advanced Selling Skills Workshop. (Sep 2003) by Dr. Mohammed Roshdy, Training specialist, Egyphar pharma Company.
- Practical training and theoretical courses on Molecular Biology and Immunology, Biochemistry Research Center in Gastroenterology center, Mansoura University.

Invited lectures and seminars

- **Speaker**, Title “Intermittent fasting during Ramadan ameliorates antioxidant gene expressions in adults with obesity” Scientific Innovation and sustainable Development, SISD. 2nd International Scientific Conference of Faculty of Sciences, Ain Shams University, Oct 2018

- **Coordinator & Speaker** In Workshop under title “Genetics at Zambia, New Hope to Explore” Tai Pamodzi, Lusaka, Zambia, 8-10 Jan 2019.
- **Poster Evaluator & Judge:** The 3rd Future Pharmacist Day, University of Sharjah, April 2019
- Organizer & Judge: **1st Hematology Day**, Medical Lab Science Department, CHS, University of Sharjah, Sharjah, UAE, 25th April 2019.
- **Organizing committee member:**
A Workshop on Discovery, Application and the Future. “**A Reference Genome for Egypt: Empowering Egyptian Precision Medicine & Health**”. Organized by: American University in Cairo & DAAD, Germany, June 27, 2019.
- **A judge at** School Judge Council, “Emirates Young Scientist school council finals” – Ministry of Education – Sharjah, Sat, 16th Nov 2019.
- **Speaker**, In the SCI-TECH Club, the title “MLS Technology Over Time” Medical Campus, 21st Feb 2017.
- **Speaker** in Clinical Institute of Molecular Biology, University of Kiel, Germany, under the title “Estrogen enhances serum iron availability in premenopausal women by downregulating Hcpidin synthesis”, 3 – 5 Feb 2016.
- **Speaker** in occupational Health day, Environmental and occupational health department, Sharjah University (28/11/2007), under title "Biochemical and Immunological changes accompanying Fluoride ion Exposure on the workers".

Training & Workshop and Conferences

- “**Autonomous B Cell Receptor Signaling in Chronic Lymphocytic Leukemia**”, Prof. Hassan Jumaa, Institute of Immunology, University Hospital Ulm, Ulm, Germany, MLS Department learning series lectures, University of Sharjah, 26 March 2019.
- “**Spot of Light in the UAE: Thalassemia Case Studies**”. Dr. Maryam Matar, Chair of UAE Genetic Diseases Association, as a part of Thalassemia Awareness Day activity, Medical Lab Department, CHS, University of Sharjah, 28 April 2019.
- **Attending training workshop:**
“**DCs, Tregs, and beyond: lessons learnt from the skin immune system.**” July 2019, Prof. Dr. Alexander Enk, Head of the Department of Dermatology, Ruprecht-Karls-University of Heidelberg in Lubeck University, **Germany**.
- 2019 Knowledge Summit” organized by the Government of Dubai. October 1, 2019
- Attended Research Café Talk on (**Research & Innovation: Breaking the barrier, Thinking outside the Box**) conducted by the vice chancellor's office for research & graduate studies, Dec 10th, 2019.
- “**UAE Cancer Congress**” InterContinental Hotel Festival City, Dubai, UAE, **Award 36 CPD** credit points (Accreditation No. 1724/18) by Dubai Health Authority, 11-13 Oct 2018
- “**7th International Genetic disorders conference & UAE international Genetic disorder prevention Award, 2018**” **Award 8.75 CPD** credit points (Accreditation No. 1829/18) by Dubai Health Authority, Nov 2018
- **Workshop:** International Conference of Pharmacy and Medicine in 2018 (ICPM). The University of Sharjah, 18 – 21 Nov 2018

- **6th Emirati-German Congress in Medicine**, University of Sharjah, Sharjah, UAE, 18 - 21, Nov 2018.
- Arab Health Conference, 18th Annual Med lab congress, World Trade Center, Dubai, UAE, 4 – 7 Feb 2019
- **Workshop:** Clinical Preceptor Workshop “Shaping the Next Generation of Professionals” University of Sharjah, UAE, 23 Feb 2019.
- **Workshop:** Touching Clinical Lab Results in Pain Points, University of Sharjah, clinical and surgical Institute, UAE, Award 4.5 CPD points, (Reference No. UOSCTC20190307-4.5), 7th March 2019
- Attendance: 8th Medical Diagnostic Imaging Seminar: Leading the way-radiographer Advanced Practice in the Middle East. 15th April 2119
- Supervising Students participating in “**7th undergraduate Research Competition**, 29 April 2019
- **Poster Participation:** 13th, Annual Research Forum, University of Sharjah Poster Title” Exploring the Health Implications of Diurnal Intermittent Fasting in Subjects with Obesity: Ramadan Fasting Mode,” 29 April 2019
- **First annual the University of Sharjah Strategy Conference.** Aug 28th, 2020.
- **Co-ordinating and Participating:** MLS Students Campaign in police college, UoS Mobile Clinic visiting Sharjah Community. **Activity Include:** Educational information and conducting laboratory tests. Sharjah Community - Sharjah Police College - 27th Oct 2019
- **Organizing committee:**7th Emirati-German Congress in Medicine, University of Sharjah, Sharjah, UAE, 3 – 4, Nov 2019.
- The Office of Vice Chancellor for Research & Graduate Studies invites you to the First Research Café Talk: “**Roadmap for Impactful Research**” on Nov 26st, 2019.
- Attended **Research Café Talk** on (**Research & Innovation: Breaking the barrier, Thinking Outside the Box**) conducted by the vice chancellor's office for research & graduate studies. UOS, Dec 10th, 2019.
- “**Epstein Barr Virus (EBV)**” Presenter: Dr. Jihad Saadeh; Director of Al Enaiiah Medical Lab (Lab Care), Department of Medical Laboratories Sciences, Seminar Series, College of Health Sciences, University of Sharjah, Tuesday, 18th of October, 2016.
- **ASCP; “Pathology Update conference 2016”** Cleveland Clinic Laboratories, Dusit Thani Abu Dhabi, 3-4 Nov 2016.
- “**Expanded Newborn Screening**” Presenter: Mr. Arbab Abdallah, Laboratory Managing Director, University Hospital Sharjah. UoS, Tuesday, 18th of October, 2016.
- “**Laboratory Assessment of Coagulation Disorders,**” Presenter: Dr. Amira Fayez, Department of Medical Laboratories Sciences, Seminar Series, College of Health Sciences, University of Sharjah, Tuesday, 15th of November, 2016.
- “**Advances in the Laboratory Diagnosis of Hemoglobinopathies and Thalassemia in UAE**”, Presenter: Dr. Erol Baysal, Prof. of Genomics - Head of Molecular Genetics, Dubai Genetic & Thalassemia Centre- Dubai Health Authority. Department of Medical Laboratories Sciences, Seminar Series, College of Health Sciences, University of Sharjah, Tuesday, 22nd, November 2016.

- **“Neuroinflammation in a mouse model of spinal cord injury”** Presenter: Masoud H Golakani, St. Vincent’s Hospital center for applied medical research and University of New South Wales, Sydney, Australia, UoS, Monday, 17th of April 2017.
- **“CRISPR’**, presenter: Dr. Palat K. Menon, Department of Medical Laboratories Sciences, Seminar Series, College of Health Sciences, University of Sharjah, Tuesday 10th Oct 2017.
- **“ Antimicrobial resistance (AMR): How did we get here and what the future hold?”**, presenter: Dr Shafii Mohammed, Director, Infection Prevention & Control Cleveland Clinic Abu Dhabi, Department of Medical Laboratories Sciences, Seminar Series, College of Health Sciences, University of Sharjah, Tuesday 7th Nov 2017.
- **“T&L Workshop: Active Learning”** organized by the Institute of Leadership in Higher Education, April 22, 2018, Instructor: Prof. Clare Milsom, Liverpool university.
- **“T&L workshop: integrating research in undergraduate course”** organized by the Institute of Leadership in Higher Education, April 23, 2018, Instructor: Prof. Clare Milsom, Liverpool university.
- **“T&L workshop: Assessment: principles, Marking, and feedback”** organized by the Institute of Leadership in Higher Education, April 24, 2018, Instructor: Prof. Clare Milsom, Liverpool university.
- **ExamSoft Training workshop.** College of Medicine, UoS, May 29th, 2018.
- **“Patients Safety Middle East Exhibition 2016”**, Dubai International Convention and Exhibition Center, UAE, 4 – 6 October 2016.
- **“Pathology Update Conference.”** December 11 – 12. *Abu Dhabi, UAE.*
- **The 3rd Middle East Molecular Biology Congress 7 Exhibition**, Research Complex, Qatar University, 14-17 Nov. 2016
- **Arab Health Conference**, (Med lab) World Trade Center, Dubai, UAE, 6 – 9 Feb 2017
- **“Forum on the Role of Global Standards, CLSI and Laboratory Automation in Improving Quality of Clinical Laboratories Services and Patient Outcomes”**. Dubai World Trade Center, Dubai, 7th Feb 2017
- **ZEDEC**, Emirates Diabetes & Endocrine Congress, Dubai International Convention, and Exhibition Center, UAE, 16-18 Feb 2017
- **The workshop**, the lab Equipment, and consumables Purchase Process to ensure effective and smooth implementation of the updated procedures and forms.
- **Supervisor of Research group students** “Fifth United Arab Emirates Undergraduate Student Research Competition.” Abu Dhabi University, Abu Dhabi, May 8th 2017.
- **“UAE Cancer Congress.”** InterContinental Hotel Festival City, Dubai, UAE, Award 6.75 CPD credit points (Accreditation No. 1824/17) by Dubai Health Authority, Oct 2017.
- **The 4th Middle East Molecular Biology Zayed University Convention Center**, Abu Dhabi, Nov. 2017
- **“Making Education Dynamic,”** Ibtikar Program, Mohamed Bin Rashid Center for Government Innovation, Ibtikar Hall, Prime minister office, Dubai, 5 Nov 2017.
- **UoS- Boehringer Ingelheim Partnership workshop 2017**, University of Sharjah, Sharjah, UAE. 7-8 Nov 2017, Award Certificate For supervising the poster presentation awarded the First Place

- **Workshop:** International Conference of Pharmacy and Medicine in 2017 (ICPM). Ministry of Health accredits the activity for 14 CME Hrs., Accreditation ID No. **MOHAP/CPD/17/0951**, 9th -11th Nov 2017.
- **Knowledge Summit 2019**, Fourth Industrial Revolution, World Trade Center, Dubai, UAE. 22nd Nov 2017.
- **Organizer:** 5th Emirati-German Congress in Medicine, University of Sharjah, Sharjah, UAE, Awarded 10 CME Accreditation. 26th -27th Nov 2017.
- 7th Pan Arab Human Genetics Conference (PAHGC 2018), The Omics Era. Conrad Dubai Hotel, Dubai, UAE, (Awarded 9 CME Accreditation No. 171295). 18th -19th 2018.
- **Organizer & partnership Faculty for Clinical Chemistry:** “ASCP Certification Preparation: The MLS Course,” University of Sharjah, Medical & Health Sciences Colleges campus, Sharjah, UAE. 2nd -3rd 2018
- Arab Health Conference, (Med lab) World Trade Center, Dubai, UAE, 4 – 7 Feb 2018
- 4th Annual SKGH Symposium 2018 “Infectious Diseases: Overview & Updates ” 13 Oct. 2018, AL Hosn Hall, Ajman, Sheikh Khalifa General Hospital “Umm Al Quwain” with 6 CME under Accreditation Number: MOHAP/CPD/18/0970.
- **Training workshop on “Prevention and Early Detection of Breast Cancer.”** Faculty of Sciences, Ain Shams University, Egypt, 26 Oct. 2018.
- **workshop in Teaching & Learning: “Principles of Flipped Lecture, What, Why, How, What if?”** Medical Education Center, University of Sharjah, 4th Nov. 2018.
- **Meeting:** Fostering University and Industry Partnership: Assessing Biomedical & Health Research Opportunities. College of Medicine and Health Sciences, Jan 30th, 2020.
- Participate as a co-author in the Third Arab Emirates Undergraduate Student Research Competition, Abu Dhabi University, May 21, 2015.
- “Cancer Treatment and Nanomedicine with Success Stories” seminar. Sharjah University, May 19, 2015.
- Developing Superior Medicine Using Nanotechnology – An Idea Whose Time has Come” Seminar. The University of Sharjah. May 10, 2015.
- **“Happy Genes”** seminar. Organized by the College of Health Sciences, the University of Sharjah. Dec 2014.
- Boehringer Ingelheim-UOS Research Award Program 1st round Fall 2014, Conducted Clinical Training, Thursday 18 Sep 2014.
- **“Research Ethics Faculty Development Workshop”** organized by the College of Medicine, the University of Sharjah. February Monday 9, 2015. Presented by Prof. Henry Silverman.
- **Abcam seminar covering:** Optimization of Western Blotting, Optimization techniques for Immunocytochemistry and Immunohistochemistry, Sharjah Institute of Medical Research (SIMR), Sharjah University, UAE. 28th January 2014.
- The First Regional Conference: Nutrition Challenges in The East Mediterranean Region, World Health Organization collaborated with the University of Qatar, March 28-29, 2011.
- Health Awareness Day. The University of Qatar, 7th April 2010.
- Two days Lab Safety short course, Lab safety institution – Weill Cornell Medical College, 28 -29 Apr 2011.

- International CLL workshop, Training courses, Clonality Diagnosis, clinical Pathology Department, Mansoura Oncology Center in Collaboration with FDA, NCI, NIH, Bethesda, USA, (Oct 28 – 30, 2008).
- The sixth scientific international conference for clinical pathology in the faculty of medicine. Mansoura University (Sep 25 to 26, 2002).
- Gastro-Intrology and Hepatic Surgery Association Meeting, Palestine Hotel, Alexandria, Egypt. (Sep 2003).
- Seminar on Basic Operation of Flameless Atomic Absorption Spectrophotometry.

Computer Skills

- *Excellent in dealing with:*

Windows All, Editions Computer hardware, Microsoft Office Package, Internet, C++, and Visual Basic.

Personal Information

- Date of birth: 1/1/1981
- Place of Birth: Egypt
- Nationality: Egyptian
- Marriage status: Married

Languages

- Arabic: Native Language.
- English: Excellent verbal and written skills.
Business English Certificate Vantage, University of Cambridge

References

References available upon request.