

### MLS Publications 2019-2020:

<b>Dr. Ali ElBakri</b>		
<b>No.</b>	<b>Publication Name</b>	<b>Category*</b>
1.	Ra'ed AbuOdeh, Sinda Ezzedine, Mohamed Madkour, Christen Rune Stensvold, Amidou Samie, Nasrallah Gheyath, AlAbsi Enas, <b>Ali ElBakri</b> (2019). Prevalence survey and molecular subtyping of Blastocystis from diverse animals in the United Arab Emirates. Protist; 170(5), November 2019, 125679. <a href="https://doi.org/10.1016/j.protis.2019.125679">https://doi.org/10.1016/j.protis.2019.125679</a>	Original article
2.	Amidou Samie, Leah Mahlaule, Peter Mbatl , Tomoyoshi Nozaki, <b>Ali ElBakri</b> . Prevalence and distribution of Entamoeba species in a rural community in northern South Africa. <u>Food and Waterborne Parasitology Volume 18</u> , March 2020, e00076. <a href="https://doi.org/10.1016/j.fawpar.2020.e00076">https://doi.org/10.1016/j.fawpar.2020.e00076</a>	Original article
3.	Amidou Samie, Tanih NF, Seisa I, Seheri LM, Mphahlele MJ, <b>Ali ElBakri</b> , Mbatl P. Prevalence and Genetic Characterization of Giardia lamblia in relation to diarrhea in Limpopo and Gauteng Provinces, South Africa. Parasite Epidemiology and Control. <u>Parasite Epidemiology and Control. Volume 9</u> , May 2020, e00140. <a href="https://doi.org/10.1016/j.parepi.2020.e00140">https://doi.org/10.1016/j.parepi.2020.e00140</a>	Original article
4.	<b>Ali ElBakri</b> , Nabila M. Hussein, Zeinab Abdallah Ibrahim, Hayder Hasan and Ra'ed AbuOdeh. Detection of intestinal parasite in assorted vegetables in the United Arab Emirates. Oman Medical Journal [2020], Vol. 35, No. 3: e128.	Original article
<b>Ms. Dana Salahat</b>		
<b>No.</b>	<b>Publication Name</b>	<b>Category*</b>
5.	“Effect of diurnal intermittent fasting during Ramadan on ghrelin, leptin, melatonin, and cortisol levels among overweight and obese subjects: A prospective observational study.” Natheer Hashim, Mohamed Madkour, Haitham Jahrami, Dana Salahat, Fatima Alhasan, Ahmed BaHammam, Moez Al-Islam Faris. PLOS ONE Journal	Original article
6.	“Giardia lamblia in Various Animals in the United Arab Emirates” Ali ElBakri, Dana F. Salahat, Nabila M. Hussein, Zeinab Abdallah Ibrahim, Ra'ed AbuOdeh. Tropical Biomedicine Journal	Original article

Dr. M Hamad		
No.	Publication Name	Category*
7.	Superbugs but No Drugs: Steps in Averting a Post-Antibiotic Era, Drug Discovery Today 2019 Dec;24(12):2225-2228. doi: 10.1016/j.drudis.2019.08.004.	Editorial

Prof Mawieh Hamad		
No.	Publication Name	Category*
8.	Taneera J, Mohammed A, Dhaiban S, <b>Hamad M</b> , Prasad RB, Sulaiman N, Salehi A. 2019 RORB and RORC associate with human islet dysfunction and inhibit insulin secretion in INS-1 cells. Islets 11(1):10-20. doi: 10.1080/19382014.2019.1566684.	Research Article
9.	Ahmed T. El-Serafi, Divyasree Sandeep, Sallam Abd Allah, Yasmin Lozansson, <b>Mawieh Hamad</b> , and Amir Ali Khan. 2019. Paradoxical effects of the Epigenetic Modifiers 5-Aza-Deoxycytidine and Suberoylanilide Hydroxamic Acid on Adipogenesis. Differentiation 106:1-8	
10.	Khuloud Bajbouj, Jasmin Shafarin, <b>M Hamad</b> . 2019. Estrogen-dependent intracellular iron depletion augments the cytotoxic effects of doxorubicin in breast and ovarian cancer cells. Cancer Management and Research, 11 4655–4668.	
11.	Debasmita Mukhopadhyay, Mohammad Bakri Hammami, Amani Ayman khalouf, Yazan Ghazi Al Shaikh, <b>Mawieh Hamad</b> , Jalal Taneera. 2019. Dimethylloxalylglycine (DMOG) and the caspase inhibitor “Ac-LETD-CHO” protect neuronal ND7/23 cells of glucocototoxicity". Exp Clin Endocrinol Diabetes. doi: 10.1055/a-0919-4489.	
12.	Madhumitha Kedhari Sundaram, Ritu Raina, Nazia Afroze, Khuloud Bajbouj, <b>Mawieh Hamad</b> , Shafiul Haque, Arif Hussain. 2019. Quercetin modulates signaling pathways and induces apoptosis in cervical cancer cells. Bioscience Reports, 39(8). pii: BSR20190720. doi: 10.1042/BSR20190720.	
13.	Jalal Taneera, Sarah Dhaiban, Mahmoud Hashim, Rifat Hamoudi, Abdul Khader Mohammed, Nabil Sulaiman and <b>Mawieh Hamad</b> . 2019. Silencing of the Cell adhesion molecule L1-like (CHL1) impairs insulin secretion through down-regulating gene expression of insulin. Experimental and Clinical Endocrinology & Diabetes, 10.1055/a-1014-2544. doi:10.1055/a-1014-2544.	
14.	Jalal Taneera <sup>1</sup> , Israa Mohammed, Abdul Khader Mohammed, Sara Adam, Abdullah Malek, Esraa Elaraby, Pontus Dunre, <b>Mawieh Hamad</b> and Albert Salehi. 2020 Orphan G-protein coupled receptors (GPCRs) expression profiling in human islets revealed novel targets in type 2	

	diabetes GPR183 agonist 7- $\alpha$ -DHC potentiates insulin secretion and prevent glucotoxicity in human islets. Mol Cell Endocrinol, 499:110592. doi: 10.1016/j.mce.2019.110592.	
15.	Khuloud Bajbouj, Jasmin Shafarin, Jalal Taneera, Mawieh <b>Hamad</b> . 2020 Estrogen signaling induces premature mitochondrial dysfunction-associated senescence in breast cancer cells. Biology (Basel), 9(4). pii: E68. doi: 10.3390/biology9040068.	
16.	Jibran Muhammad, Khuloud Bajbouj, Jasmin Shafarin, <b>Mawieh Hamad</b> . 2020. Estrogen-mediated signals manipulate the expression of the iron regulatory genes TfR1 and FT through histone and CpG hypermethylation events. Epigenetics <a href="https://doi.org/10.1080/15592294.2020.1770917">https://doi.org/10.1080/15592294.2020.1770917</a>	
17.	<b>Hamad M</b> , Khuloud Bajbouj, Jalal Taneera. 2020. The case for an estrogen-iron axis in health and disease. Experimental and Clinical Endocrinology & Diabetes, doi: 10.1055/a-0885-1677.	Review Article

<b>Prof. Samir Awadallah</b>		
No.	Publication Name	Category*
18.	Mohamed I. Madkour, Ahmed El-Serafi, Haitham A. Jahrami, Naglaa M Sherif, Rasha E. Hassa, <b>Samir Awadallah</b> , “Mo’ez Al-Islam” E. Faris 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 (2019) 107801	Published Co-author, Research article
19.	<b>Samir Awadallah</b> , Hayder Hasan, Amita Attlee, Veena Raigangar, Hema Unnikannan, Mohamed Madkour, Mini Sara Abraham, Latifa M Rashid. Waist circumference is a major determinant of oxidative stress in subjects with and without metabolic syndrome. Diabetes Metab Syndr, (2019); 13(4): 2541-2547	Published Main author, Research article
20.	Hayder Hasan, Amita Attlee, Veena Raigangar, Hema Unnikannan, Mohamed Madkour, <b>Samir Awadallah</b> . Haptoglobin concentrations and phenotypes associations with obesity measures and inflammatory biomarkers in overweight /obese adults. (Accepted with minor revision-R2, Biomedical and Environmental Sciences).	In revision (R2) Corresponding author, research article
21.	<b>S Awadallah</b> , J Taneera, H Unnikannan, J Shafarin, K Bajbouj, J Sualeh Muhammad, A Ali, A Salehi, K Menon, H Hassan, M Hamad. Metformin enhances LDL-cholesterol uptake by suppressing PCSK9 synthesis in an HNF-1 $\alpha$ -dependent manner (In revision, R1; Scientific Reports)	In revision (R1) Main author, research article

22.	Jalal Taneeraa, Samir Awadallah, Abdul Khader Mohammed, Hema Unnikannan, Nabil Sulaiman. Vitamin A levels are decreased but not influenced by glucose- or lipid-lowering medications in subjects with type 2 diabetes (submitted to Saudi Journal of Biological Sciences)	Submitted Co-author, research article
23.	Samir Awadallah, Jalal Taneera, Hema Unnikannan, Nabil Sulaiman. Influence of glucose- and lipid-lowering medications on plasma levels of PCSK9 in subjects with type 2 diabetes mellitus (submitted to Diabetes and Vascular Disease Research)	Submitted Main author, research article

<b>Ms. Sondos Harfil</b>		
<b>No.</b>	<b>Publication Name</b>	<b>Category*</b>
24.	Sondos Harfil, Ra'ed AbuOdeh, Wael M Abdel-Rahman, Hayder Abbas Hasan, K. N. S. Sirajudeen, Hamid Jan Jan Mohamed; Circulating Lipopolysaccharide-Binding Protein (LBP) as a Marker of Inflammation and Metabolic Syndrome-Related to Insulin Resistance. Dubai Diabetes & Endocrinology (DDE) Journal.	Conference paper

<b>Prof. Wael Abdel-Rahman</b>		
<b>No.</b>	<b>Publication Name</b>	<b>Category*</b>
25.	El-Huneidi, W.; Shehab, N.G.; Bajbouj, K.; Vinod, A.; El-Serafi, A.; Shafarin, J.; Bou Malhab, L.J.; Abdel-Rahman, W.M.; Abu-Gharbieh, E. <i>Micromeria fruticosa</i> Induces Cell Cycle Arrest and Apoptosis in Breast and Colorectal Cancer Cells. <i>Pharmaceuticals</i> 2020, 13, 115.	Research article
26.	Nair, V. A., Valo, S., Peltomäki, P., Bajbouj, K., & Abdel-Rahman, W. M. (2020). Oncogenic potential of bisphenol a and common environmental contaminants in human mammary epithelial cells. <i>International Journal of Molecular Sciences</i> , 21(10) doi:10.3390/ijms21103735	Research article
27.	Shaito A, Posadino AM, Younes N, Hasan H, Halabi S, Alhababi D, Al-Mohannadi A, Abdel-Rahman WM, Eid AH, Nasrallah GK, Pintus G. Potential Adverse Effects of Resveratrol: A Literature Review. <i>Int J Mol Sci.</i> 2020 Mar 18;21(6). pii: E2084.doi: 10.3390/ijms21062084.	Research article

28.	ElKhazendar M, Chalak J, El-Huneidi W, Vinod A, Abdel-Rahman WM, Abu-Gharbieh E. Antiproliferative and proapoptotic activities of ferulic acid in breast and liver cancer cell lines. <i>Tropical Journal of Pharmaceutical Research</i> . 2019; 18:12: 2571-2576	Research article
29.	Nair VA, Al-Khayyal NA, Sivaperumal S, Abdel-Rahman WM. Calponin 3 promotes invasion and drug resistance of colon cancer cells. <i>World J Gastrointest Oncol</i> . 2019 Nov 15;11(11):971-982. doi: 10.4251/wjgo.v11.i11.971. PMID: 31798778; PMCID: PMC6883188	Research article

Prof Raed Abu Odeh		
No.	Publication Name	Category*
30.	Mohammed Belal, Hatim Abulola, Amin N. Olaimat, <b>Raed Abu Odeh</b> , Amita Attlee, Anas A. Al-Nabulsi, Tareq M. Osaili, Islam Al-Shami, Mutamed M. Ayyash, Reyad Shaker Obaid (2020). Viability of Escherichia Coli O157:H7 During Fermentation and Storage of Plain and Spiced Ayran. <i>Journal of Hygienic Engineering and Design (In Press)</i>	Journal Article
31.	Ali ElBakri, Nabila M. Hussein, Zeinab Abdallah Ibrahim, Hayder Hasan and <b>Raed AbuOdeh</b> (2020). Detection of intestinal parasite in assorted vegetables in the United Arab Emirates. <i>Oman Medical Journal</i> 2020 May; 35(3): e128.	Journal Article
32.	<b>Raed AbuOdeh</b> , Sinda Ezzedine, Mohamed Madkour, Rune Stensvold, Amidou Samie, Gheyath Nasrallah, AlAbsi Enas and Ali Elbakri (2019). Molecular subtyping of Blastocystis from diverse animals in the United Arab Emirates. <i>Protist</i> 170 (5): 125679.	Journal Article

Prof Gianfranco Pintus		
No.	Publication Name	Category*
33.	Giordo R, Nasrallah GK, Al-Jamal O, Paliogiannis P, <b>Pintus G</b> . <u>Resveratrol Inhibits Oxidative Stress and Prevents Mitochondrial Damage Induced by Zinc Oxide Nanoparticles in Zebrafish (Danio rerio)</u> . <b>Int J Mol Sci</b> . 2020 May 28;21(11):E3838.	Published, Research article,
34.	Shaito A, Posadino AM, Younes N, Hasan H, Halabi S, Alhababi D, Al-Mohannadi A, Abdel-Rahman WM, Eid AH, Nasrallah GK, <b>Pintus G</b> .	Published, Review article

	Potential Adverse Effects of Resveratrol: A Literature Review. <b>Int J Mol Sci.</b> 2020 Mar 18;21(6):2084.	
35.	Shaito A, Thuan DTB, Phu HT, Nguyen THD, Hasan H, Halabi S, Abdelhady S, Nasrallah GK, Eid AH, <b>Pintus G.</b> <u>Herbal Medicine for Cardiovascular Diseases: Efficacy, Mechanisms, and Safety.</u> <b>Front Pharmacol.</b> 2020 Apr 7;11:422	Published, Review article,
36.	Phu HT, Duong Thuan DTB, Nguyen THD, Posadino AM, Eid AH, <b>Pintus G.</b> Herbal Medicine for Slowing Aging and Aging-Associated Conditions: Efficacy, Mechanisms and Safety. <b>Curr Vasc Pharmacol</b> 2020;18(4):369-393	Published, Review article
37.	Younes N, Younes S, Alsharabasi OA, El Zowalaty ME, Mustafa I, Jahromi M, Uddin S, Al-Nesf M, <b>Pintus G,</b> Zayed H. Immunogenetics of Celiac Disease: A focus on Arab countries. <b>Curr Mol Med.</b> 2020;20(4):275-28	Published, Review article,
38.	Al-Jamal O, AL-Jighefee H, Younes N, Abdin R, Al-Asmakh AA, Radwan AB, Sliem MH, <b>Pintus G,</b> Yassine MH, Abdullah AM, Da'as SI, Nasrallah GK. Organ-specific Toxicity Evaluation of Stearamidopropyl Dimethylamine (SAPDMA) Surfactant Using Zebrafish Embryos. <b>Sci of the Total Environment</b> 2020, 741, 140450. <a href="https://doi.org/10.1016/j.scitotenv.2020.140450">https://doi.org/10.1016/j.scitotenv.2020.140450</a>	Published, Research article
39.	Bhagani H, Nasser SA, Dakroub A, El-Yazbi A, Eid AA, Kobeissy F, <b>Pintus G</b> and Eid AH. The mitochondria: a target of polyphenols in the treatment of diabetic cardiomyopathy <b>Int J Mol Sci.</b> 2020, 21 (14), 4962	Published, Review article
40.	Paliogiannis P, olveig Fois S, Fois AG, Cossu A, Palmieri G, <b>Pintus G.</b> Repurposing anticancer drugs for the treatment of idiopathic pulmonary fibrosis and antifibrotic drugs for the treatment of cancer: state of the art. <b>Current Medicinal Chemistry</b>	In press
41.	Paliogiannis P, Mangoni AA, Dettori P, Nasrallah GK, <b>Pintus G,</b> Zinellu A. D-dimer concentrations and COVID-19 severity: a systematic review and meta-analysis. <b>Frontiers Public Health.</b> DOI: 10.3389/fpubh.2020.00432	In press

Dr. Mohammad G.Mohammad		
No.	Publication Name	Category*
42.	“Mo'ez Al-Islam” E.Faris, Mohamed I.Madkour, Abdulmunhem K.Obaideen, Entesar Z.Dalah, Hayder A.Hasan, HadiaRadwan, Haitham A.Jahrami, OsamaHamdy, <b>Mohammad G.Mohammad.</b> Effect of	Research article

	Ramadan diurnal fasting on visceral adiposity and serum adipokines in overweight and obese individuals, Diabetes Research and Clinical Practice Volume 153, (2019), Pages 166-175	
43.	Amani Ghassan Al-Nuairi, Kareem A. Mosa, <b>Mohammad G. Mohammad</b> , Ali El-Keblawy, Sameh Soliman & Hussain Alawadhi. Biosynthesis, Characterization, and Evaluation of the Cytotoxic Effects of Biologically Synthesized Silver Nanoparticles from Cyperus conglomeratus Root Extracts on Breast Cancer Cell Line MCF-7, <b>Biological Trace Element Research</b> volume 194, pages560–569(2020)	Research article
44.	Masoud Hassanpour Golakani, <b>Mohammad G. Mohammad</b> , Hui Li, Joanne Gamble, Samuel N. Breit, Marc J. Ruitenberg, and David A. Brown. MIC-1/GDF15 overexpression is associated with increased functional recovery in traumatic spinal cord injury, Journal of NeurotraumaVol. 36, No. 24, (Dec 2019)	Research article
45.	Sameh S. M. Soliman, Rania Hamdy, Samia A. Elseginy, Teclegiorgis Gebremariam, Alshaima Hamoda, Mohamed Madkhour, Thenmozhi Venkatachalam, Mai N. Ershaid, <b>Mohammad G. Mohammad</b> , Georgios Chamilos and Ashraf S. Ibrahim. Selective inhibition of Rhizopus eumelanin biosynthesis by novel natural product scaffold-based designs caused significant inhibition of fungal pathogenesis . Biochem J (2020) 477 (13): 2489–2507.	Research article
46.	<b>MG Mohammad</b> , MN Ershaid, B Yaseen, M Hamad, M Hamad, S Soliman. Macrophage subpopulation phenotypic shift in response to Rhizopus delemar spores. 17th Congress of the International Union of Immunological Societies (IUIS), China. Oct 2019, EUROPEAN JOURNAL OF IMMUNOLOGY, 529-529. Vol 49	Research article
47.	E Faris Mo'ez Al-Islam, <b>Mohammad G Mohammad</b> , Sameh Soliman. Lentils (Lens culinaris L.): A candidate chemopreventive and antitumor functional food, 99-120, Ed: Yearul Kabir, Book Title: Functional Foods in Cancer Prevention and Therapy, Academic Press, 2020	Book Chapter

Mr. Mohamed Madkour		
No.	Publication Name	Category*
48.	Attlee, A., Hasan, H.,AlQattan, A.,Sarhan, N.,Alshammari, R., Ali, S., Nabil, M., Alattrash, A., Raigangar, V., <b>Madkour, M.</b> , Unnikannan, H., Awadallah, S. Relationship of salivary adipocytokines, diet quality, physical activity, and nutrition status in adult Emirati females in United	Research article

	Arab Emirates. Diabetes & Metabolic syndrome: Clinical Research & Reviews, (2019), Volume 13 (Issue 1) S40-46.	
49.	Faris, M.A.I.E.a, Jahrami, H.A.b,c, Obaideen, A.A.d, <b>Mohamed I. Madkour</b> "Impact of diurnal intermittent fasting during Ramadan on inflammatory and oxidative stress markers in healthy people: Systematic review and meta-analysis". Journal of Nutrition and Intermediary Metabolism, Volume 15, March 2019, Pages 18-26	Research article
50.	Mo'ez Al-Islam, <b>Madkour, M. I.</b> , 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. <u>Diabetes research and clinical practice</u> <b>153</b> : 166-175.	Research article
51.	AbuOdeh, R., S. Ezzedine, <b>M. Madkour</b> , 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. <u>Protist</u> <b>170</b> (5): 125679.	Research article
52.	Omar, H. A., A. T. El-Serafi, F. Hersi, E. S. A. Arafa, D. M. Zaher, <b>M. Madkour</b> , H. H. Arab and M. F. Tolba (2019). "Immunomodulatory MicroRNAs in cancer: Targeting immune checkpoints and the tumor microenvironment. <u>The FEBS journal</u> <b>286</b> (18): 3540-3557.	Research article
53.	<b>Madkour, M. I.</b> , A. T. El-Serafi, H. A. Jahrami, N. M. Sherif, R. E. Hassan, S. Awadallah and Mo'ez Al-Islam, E. F., M. L. (2019). "Ramadan diurnal intermittent fasting modulates SOD2, TFAM, Nrf2, and sirtuins (SIRT1, SIRT3) gene expressions in subjects with overweight and obesity. <u>Diabetes research and clinical practice</u> <b>155</b> : 107801	Research article
54.	Mo'ez Al-Islam, E. F., M. L. Salem, H. A. Jahrami, <b>M. I. Madkour</b> and A. S. BaHamam (2020). "Ramadan intermittent fasting and immunity: An important topic in the era of COVID-19." Annals of thoracic Medicine. Annals Thoracic Med 2020;15:125-33.	Research article
55.	Touil, H. F., K. Boucherit, Z. Boucherit-Otmani, G. Kohder, <b>M. Madkour</b> 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." <u>Biomolecules</u> <b>10</b> (2): 342.	Research article
56.	Mo'ez Al-Islam" Faris, Haitham Jahrami, Ahmed BaHamam, Zaina Kalaji, <b>M. Madkour</b> , Mohamed Hassanein. "A systematic review, meta-analysis, and meta-regression of the impact of diurnal intermittent fasting during Ramadan on glucometabolic markers in healthy subjects." Accepted in Diabetes research and clinical practice.	Research article
57.	Sameh Soliman, Rania Hamdi, Samia Elseginy, Teclegiorgis Gebremariam, Alshaimaa Hamoda, <b>M. Madkour</b> , Thenmozhi Venkatachalam, Mai Ershaid, Mohammad G Mohammad, Georgios	Research article



	<p>Chamilos, Ashraf Ibrahim. " Selective inhibition of Rhizopus eumelanin biosynthesis by novel natural product scaffold-based designs caused significant inhibition of fungal pathogenesis". Accepted in Biochemical journal.</p>	
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