

Evaluation of Physiology Department Research Fields (2019-2021)

				مجلات البحث العلمي جامعة الزقازيق	توجهات الدولة للبحث العلمي ٣٠/٢٠	
العدد الكلي	دولية	محلية	الابحاث المشارك بها قسم الفسيولوجيا الطبية	المجال البحثي الفرعي	المجال الرئيسي	
				Stem cell, Molecular biology and their applications. -Nanoparticles and its applications	١ - التقنيات الحديثة وتطبيقاتها في مجالات العلوم المختلفة	<u>اولا البعد الاقتصادي ويشمل المحاور التالية:</u>
٢	-	٢	1- Possible association between serum hepcidin and hemostatic parameters in chronic renal failure rat model. Med. J. Cairo Univ., Vol. 87, January 2019. 2- Evaluation of chronic cola consumption effect on the liver and kidney functions in adult male rats: role of serum 25-hydroxyvitamin D. ZUMJ, January 2021, 27 (2): 305-315	-Common Health problems -Tumors -Allergic and immunological disorders -Imaging and interventional techniques in diagnosis and treatment		- العلوم والتكنولوجيا والابتكار - التنمية الاقتصادية والطاقة
١٩	١١	٨	1- Role of Obestatin in Improvement of Obesity-Induced Metabolic and Kidney Function Changes in Exercised Rats. Am. J. Biomed. Sci. 2019,11(2),74-89 2- Effect of Diet Regimen on Serum Vaspin Level in Obese Diabetic Female Patients . ZUMJ 2019, 25 (5): 699-707. 3- Impact of weight loss on plasma ghrelin level, clinical and metabolic features of obese women with or without polycystic ovary syndrome. Middle East Fertility Journal, 2019 4- Modulation of Serum Adropin Levels by Isoproterenol-Induced Acute Myocardial	-Nutritional disorders and obesity		

		<p>Infarction in Normal and Obese Male Albino Rats. <i>EC Cardiology</i> 6.11 (2019): 26-39</p> <p>5- Beneficial effects of metformin on muscle atrophy induced by obesity in rats. <i>J Cell Biochem.</i> 2019 Apr;120(4):5677-5686</p> <p>6- Effect of obestatin on bone turnover in normal and obese male albino rats. <i>Med. J. Cairo Univ.</i>, 87 (1): 325-334, 2019</p> <p>7- Vitamin D3 nano emulsion ameliorates testicular dysfunction in high -fat diet-induced obese rat model. <i>Med. J. Cairo Univ.</i>, 2020</p> <p>8- Effect of spexin treatment on cardiometabolic changes in obese type 2 diabetic rats. <i>Al – Azhar Medical Journal</i>, vol. 49(2), April, 2020, 735-758</p> <p>9- Impact of glycemic control and duration of type 2 diabetes on vitamin D level and cardiovascular disease risk. <i>Journal of Diabetes Research</i>, 22/2/2020</p> <p>10- Body composition and the components of metabolic syndrome in type 2 diabetes: The role of disease duration and glycemic control. <i>Diabetes, metabolic syndrome and obesity: targets and therapy</i>, 5/4/2020</p> <p>11- Measured resting metabolic rate, respiratory quotient, and body composition in patients with narcolepsy: a preliminary report of a case-control study. <i>Scientific Reports Nature</i>, 2020; 10:11024</p> <p>12- Association between the inflammatory potential of diet and stress among female college students. <i>Nutrients</i>, 10/8/2020</p> <p>13- Comparative Protective Effects of N-Acetylcysteine, and Melatonin against Obesity- Induced Testicular Dysfunction in Rats. <i>Can. J. Physiol. Pharmacol.</i>, 2020 Nov 17. doi: 10.1139/cjpp-2020-0499.</p> <p>14- Involvement of peroxisome proliferator-</p>		
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			<p>activated receptor-α and β in apelin action on the kidney in type 2 diabetic rat model. Med. J. Cairo Univ., 88, June, 2020</p> <p>15- Intake of dietary advanced glycation end products influences inflammatory markers, immune phenotypes, and antiradical capacity of healthy elderly in a little-studied population. Food Science And Nutrition, 1/1/2020</p> <p>16- Relationship of vitamin D- deficient diet and irisin, and their impact on energy homeostasis in rats. Frontiers in Physiology, 31/1/2020</p> <p>17- Thyroid function changes in a rat model of vitamin D deficiency and effect of vitamin D and metformin treatment. Med. J. Cairo Univ., 88 (2), March, 2020</p> <p>18- Serum Kisspeptin Level in normal pregnancy and preeclampsia with and without obesity. ZUMJ, January 2021, 27 (2): 343-351</p> <p>19- Serum adropin and vaspin levels in obese rats with polycystic ovary syndrome and after metformin treatment. ZUMJ, January 2021, 27 (2): 193-202</p>			
١٣	٥	٨	<p>1- Effect of Exercise Training and Adropin Treatment on Thyroid and Testicular Function Changes in Obese Type 2 Diabetic Rats. Am. J. Biomed. Sci. 2019,11(4),209-225</p> <p>2- Lipolytic effects of testosterone hormone replacement therapy in a rat model of andropause versus normal controls. Med. J. Cairo Univ., Vol. 87, January 2019.</p> <p>3- Reversal of haemostatic changes in letrozole-induced PCOS rat model with vitamin D supplementation. Med. J. Cairo Univ., 87 (3): 1753-1767, 2019</p> <p>4- Vitamin D supplementation reduces serum chemerin level in gestational diabetes</p>	<p>-Genetic and developmental disorders -Reproductive and pregnancy related disorders</p>		

		<p>mellitus rat model. Med. J. Cairo Univ., 87 (5): 3069-3080, 2019</p> <p>5- Protective effect of obestatin on testicular ischemia/ reperfusion injury in rats. Med. J. Cairo Univ., 2019</p> <p>6- Progranulin protects rat testis from ischemic reperfusion injury. Med. J. Cairo Univ., 87 (7), December, 2019</p> <p>7- The effect of vitamin D3 on the contractile response of isolated rat uterus. Med. J. Cairo Univ., 87 (7), December, 2019</p> <p>8- Ameliorative effect of combined low dose of Pioglitazone and omega-3 on spermatogenesis and steroidogenesis in diabetic rats. J Cell Biochem, 2020; Feb;121(2):1524-1540</p> <p>9- Apelin Induced Modulation Of Uterine Contractility In Adult Albino Rats And Its Possible Mechanism/S Of Action. ZUMJ 2020, 26 (1): 174-185.</p> <p>10- Association analyses of a genetic variant in long non-coding RNA MEG3 with breast cancer susceptibility and serum MEG3 expression level in the Egyptian population. Cancer Biomarkers, vol. 28, no. 1, pp. 49-63, 2020 DOI 10.3233/CBM-191072</p> <p>11- The histological and physiological potential of obestatin on testicular ischemia-reperfusion induced injury in adult albino rats The histological and physiological potential of obestatin on testicular ischemia-reperfusion induced injury in adult albino rats. BIOSCIENCE RESEARCH, 2020 17(2): 1202-1212.</p> <p>12- Effect of seminal redox status on lipid peroxidation, apoptosis and DNA fragmentation in spermatozoa of infertile Saudi males. Saudi medical journal, 19/3/2020</p>			
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١٠	٦	٤	<p>1- Vaspin improves experimental isoproterenol-induced heart failure in rats. <i>Am. J. Biomed. Sci.</i>, 11(3):141-151, 2019</p> <p>2- Serum adropin as a biomarker for cardiac dysfunction in experimentally induced male albino rat heart failure model. <i>Med. J. Cairo Univ.</i>, 87 (8), December, 2019</p> <p>3- Potential protective role of vitamin E in lung of adult male albino rat exposed to Bisphenol A. <i>Med. J. Cairo Univ.</i>, 87 (8), December, 2019</p> <p>4- The molecular mechanisms of lithium-induced cardiotoxicity in male rats and its amelioration by N-acetyl cysteine. <i>Human and Experimental Toxicology</i>, 2020; 39(5):696-711.</p> <p>5- Thymosin Beta 4 improves the intestinal ischemia/reperfusion injury in rats. <i>Am. J. Biomed. Sci.</i>, vol. 12, April 2020</p> <p>6- A novel role of vitamin K in amelioration of experimental induced ulcerative colitis in rats. <i>Am. J. Biomed. Sci.</i>, vol. 12, April 2020</p> <p>7- Value of vitamin D administration versus suppressing gut microbiota in modifying metabolic associated osteoarthritis in rats. <i>Med. J. Cairo Univ.</i>, 88, March, 2020</p> <p>8- The effects of caffeine on drowsiness in patients with narcolepsy: A double-blind randomized controlled pilot study. <i>Sleep and Breathing</i>, 26/3/2020</p> <p>9- Fetuin-A exerts a protective effect against experimentally induced intestinal ischemia/reperfusion by suppressing autophagic cell</p>	<p>-New era and Advanced techniques in medicine</p>		

			<p>death. Exp Biol Med (Maywood). 2021 Mar 2:1535370221995207. doi:10.1177/1535370221995207.</p> <p>10- Effect of vitamin D supplementation and muscular exercise on irisin serum level and related metabolic parameters in type II diabetic albino rats. ZUMJ, January 2021, 27 (1): 97-103</p>			
١	-	١	<p>1- Effect of exposure to electromagnetic radiation on sex steroids and systemic & local uterine redox status during early and late pregnancy in rats. ZUMJ 2020, 26 (1): 186-195.</p>	-Chemicals, and drugs Pollution		
٤٥	٢٢	٢٣	العدد الكلى للأبحاث			

رئيس القسم

منسق الجودة بالقسم