

<b>1</b>	<b>A Novel Morphological Analysis of DXA-DICOM Images by Artificial Neural Networks for Estimating Bone Mineral Density in Health and Disease</b>
	<b>Mohamed, E.I., Meshref, R.A., Abdel-Mageed, S.M., Moustafa, M.H., Badawi, M.I., Darwish, S.H.</b>
	Collaboration with Alexandria University
<b>2</b>	<b>Co-targeting of endothelin-A and vitamin D receptors: a novel strategy to ameliorate cisplatin-induced nephrotoxicity</b>
	<b>Abdel Moneim, L.M., Helmy, M.W., El-Abhar, H.S</b>
	Collaboration with Cairo University
<b>3</b>	<b>Effect of using zirconia and metallic bar attachment overdentures on the supporting structures of mandibular edentulous ridge area (Randomized control trial) (2019) Indian Journal of Public Health Research and Development, 10 (9), pp. 1150-1155. 20)</b>
	<b>Debis, M.Z., Badr, A.I., Agamy, E.M., Mohamed, G.F.</b>
	Collaboration with Minia University
<b>4</b>	<b>Opportunistic parasitoses among Egyptian hemodialysis patients in relation to CD4+ T-cell counts: A comparative study</b>
	<b>Shehata, A.I., Hassanein, F., Abdul-Ghani, R.</b>
	Collaboration with Alexandria University, and Sanaa University
<b>5</b>	<b>Role of TGF-<math>\beta</math>1 and C-Kit Mutations in the Development of Hepatocellular Carcinoma in Hepatitis C Virus-Infected Patients: in vitro Study</b>
	<b>El-Houseini, M.E., Ismail, A., Abdelaal, A.A., El-Habashy, A.H., Abdallah, Z.F., Mohamed, M.Z., El-Hadidi, M., Cho, W.C.S., Ahmed, H., Al-Shafie, T.A.</b>
	Collaboration with Kowloon Hong Kong China, Queen Elizabeth Hospital, GlycoMantra, Cairo University, Ain Shams University
<b>6</b>	<b>Synthesis and biological evaluation of purine-pyrazole hybrids incorporating thiazole, thiazolidinone or rhodanine moiety as 15-LOX inhibitors endowed with anticancer and antioxidant potential</b>
	<b>Afifi, O.S., Shaaban, O.G., Abd El Razik, H.A., Shams El-Dine, S.E.-D.A., Ashour, F.A., El-Tombary,</b>
	Collaboration with City of Scientific Research and Technological Applications, and Alexandria University

7	<b>Synthesis and molecular docking study of some 3,4-dihydrothieno[2,3-d]pyrimidine derivatives as potential antimicrobial agents</b> Shaaban, O.G., Issa, D.A.E., El-Tombary, A.A., Abd El Wahab, S.M., Abdel Wahab, A.E., Abdelwahab, I.A.
8	<b>Professional boundaries.</b> Elnaem, M.H., Hamdy, N.A. Collaboration with INTERNATIONAL ISLAMIC Institute of Malaysia
9	<b>Shooting three inflammatory targets with a single bullet: Novel multi-targeting anti-inflammatory glitazones</b> (2019) European Journal of Medicinal Chemistry, 167, pp. 562-582. Cited 5 times. Elzahhar, P.A., Alaaeddine, R., Ibrahim, T.M., Nassra, R., Ismail, A., Chua, B.S.K., Frkic, R.L., Bruning, J.B., Wallner, N., Knape, T., von Knethen, A., Labib, H., El-Yazbi, A.F, Belal, A.S.F. Collaboration with Alexandria university, American University of Beirut, Beirut, Lebanon, The University of Adelaide, Adelaide, South Australia, Fraunhofer Institute for Molecular Biology and , Faculty of Medicine, Goethe-University Applied Ecology
10	<b>A combined treatment of curcumin, piperine, and taurine alters the circulating levels of IL-10 and miR-21 in hepatocellular carcinoma patients: A pilot study</b> Hatab, H.M., Abdel Hamid, F.F., Soliman, A.F., Al-Shafie, T.A., Ismail, Y.M., El-Houseini, M.E. Collaboration with Ain Shams university , Cairo university
11	<b>A new design for a chronological release profile of etodolac from coated bilayer tablets: In-vitro and in-vivo assessment.</b> Georgy, K.R., Farid, R.M., Latif, R., Bendas, E.R. Collaboration with Future university, Cairo university
12	<b>A novel investigation of statins myotoxic mechanism: effect of atorvastatin on respiratory muscles in ypoxic environment</b> El-Ganainy, S.O., El-Mallah, A., Abdallah, D., Khattab, M.M., El-Khatib, A.S., Mohy El-Din, M.M. Collaboration with Alexandria University, Cairo University

13	<b>A novel voltammetry offline coupled MALDI/TOF MS characterization of electrochemical reaction products and the voltammetric determination of febuxostat in human plasma</b>
	El-Yazbi, F.A., Amin, O.A., Bakry, R., Khamis, E.F., El-Kimary, E.I., Younis, S.E.
	Collaboration with University of Innsbruck, Alexandria University
14	<b>An Initial Demonstration of Polyester Monomer Coordination Properties: Synthesis and Biological Activity of Metal Complexes Derived from a New Nanosized Diol</b>
	Elhousseiny, A.F., Hussien, H.M., Hassan, H.H.A.M.
	Collaboration with Alexandria University
15	<b>Anionic versus cationic bilosomes as oral nanocarriers for enhanced delivery of the hydrophilic drug</b> <b>Terms and conditions Privacy policy</b>
	Elnaggar, Y.S.R., Omran, S., Hazzah, H.A., Abdallah, O.Y
	Collaboration with Alexandria University
16	<b>Assessment of Osteoimmunological Changes Following Orthognathic Surgery</b>
	Soliman, S., Dehis, M., Ahmed, M., Kateeb, E.E.L.
	Pharos University
17	<b>Astrocyte-Targeted Transporter-Utilizing Derivatives of Ferulic Acid Can Have Multifunctional Effects Ameliorating Inflammation and Oxidative Stress in the Brain</b>
	Ahmed Montaser, <sup>1</sup> Johanna Huttunen, <sup>1</sup> Sherihan Abdelhamid Ibrahim, <sup>2</sup> and Kristiina M. Huttunen
	Collaboration with Eastern Finland
18	<b>Clarithromycin resistance and genetic pattern of helicobacter pylori in a group of patients with peptic ulcer disease in alexandria, Egypt</b>
	Alhammad, M.A., El-Kady, H., Hamed, Y.
	Collaboration with Universiti Teknologi PETRONAS, Alexandria university , Benghazi University

<b>19</b>	<b>Clarithromycin resistance and genetic pattern of helicobacter pylori in a group of patients with peptic ulcer disease in alexandria, Egypt</b>
	<b>Alhammad, M.A., El-Kady, H., Hamed, Y.</b>
	Collaboration with American University of Beirut, Alexandria university
<b>20</b>	<b>Comparison of remineralization by fluoride varnishes with and without casein phosphopeptide amorphous calcium phosphate in primary teeth</b>
	<b>64) Salman, N.R., ElTekeya, M., Bakry, N., Omar, S.S., El Tantawi, M.</b>
	Collaboration with Alexandria University
<b>21</b>	<b>Comparison of the effects of short-duration wrist joint splinting combined with physical therapy and physical therapy alone on the management of patients with lateral epicondylitis.</b>
	<b>Kachanathu, S.J., Alenazi, A.M., Hafez, A.R., Algarni, A.D., Alsubiheen, A.M.</b>
	Collaboration with Prince Sattam bin Abdulaziz University ,King Saud university
<b>22</b>	<b>Controlled release Ibu-cryobarriers for the prevention of post-operative adhesions: In-vitro/in-vivo comparative study</b>
	<b>Ezzat, H.M., Elnaggar, Y.S.R., Abdallah, O.Y.</b>
	Collaboration with Alexandria university
<b>23</b>	<b>Correlation study of functional performance between diabetic and non-diabetic patients with knee osteoarthritis</b>
	<b>Hamed, A.M., Aboeleinen, M.H., Abdelgawad, H.A., Aboelazm, S.N</b>
	Collaboration with Misr International University
<b>24</b>	<b>Current strategies for different paclitaxel-loaded Nano-delivery Systems towards therapeutic applications for ovarian carcinoma: A review article</b>
	<b>Khalifa, A.M., Elsheikh, M.A., Khalifa, A.M., Elnaggar, Y.S.R</b>
	Collaboration with Alexandria University

25	<b>Dental management of a child with ectrodactyly ectodermal dysplasia cleft lip/palate syndrome: A case report</b>
	<b>Elhamouly, Y., Dowidar, K.M.L.</b>
	Collaboration with Alexandria University
26	<b>Design, synthesis and biological evaluation of novel <math>\alpha</math>-acyloxy carboxamides via Passerini reaction as caspase 3/7 activators</b>
	<b>Salah Ayoup, M., Wahby, Y., Abdel-Hamid, H., Ramadan, E.S., Teleb, M., Abu-Serie, M.M., Noby, A.</b>
	Collaboraton with Alexandria University, City of Scientific Research and Technological Applications
27	<b>Design, synthesis and pharmacological evaluation of some substituted dihydropyrimidines with L-/T-type calcium channel blocking activities</b>
	<b>Teleb, M., Rizk, O.H., Zhang, F.-X., Fronczek, F.R., Zamponi, G.W., Fahmy, H.</b>
	Collaboration with Institute, University of Calgary, Alexandria University, South Dakota State University
28	<b>Diosmin Nanocrystal–Loaded Wafers for Treatment of Diabetic Ulcer: In Vitro and In Vivo Evaluation</b>
	<b>Atia, N.M., Hazzah, H.A., Gaafar, P.M.E., Abdallah, O.Y.</b>
	Collaboration with Alexandria University, Arab Academy for Science, Technology and Maritime Transport
29	<b>Dual VEGFR-2/PIM-1 kinase inhibition towards surmounting the resistance to antiangiogenic agents via hybrid pyridine and thienopyridine-based scaffolds: Design, synthesis and biological evaluation (2019) Bioorganic Chemistry, 92, art. no. 103189, .</b>
	<b>Rizk, O.H., Teleb, M., Abu-Serie, M.M., Shaaban, O.G.</b>
	Collaboration with Alexandria University
30	<b>Eco-Friendly Tadalafil Surfactant-Free Dry Emulsion Tablets (SFDETs) Stabilized by In Situ Self-Assembled Aggregates of Natural Oil and Native Cyclodextrins</b>
	<b>Badr-Eldin, S.M., Labib, G.S., Aburahma, M.H.</b>
	Collaboration with Alexandria University, King Abdulaziz University
31	<b>Effect of local administration of simvastatin on orthodontic tooth movement in rabbits</b>

	<b>AlSwafeeri, H., ElKenany, W., Mowafy, M., Karam, S.</b>
	Collaboration with Alexandria University
<b>32</b>	<b>Effect of using distal extension bar on the posterior ridge area in implant supported mandibular overdentures</b>
	<b>Abdel Hamid, S.M., Hamzawi, A.G., Agamy, E.M., Mohamed, G.F</b>
	Collaboration with Minia University
<b>33</b>	<b>Effect of visceral decongestion of true pelvis on primary dysmenorrhea</b>
	<b>Atef, A.M., Awad, M.A., Emara, H.M., Kamel, H.E.D.H.</b>
	Collaboration with Alexandria University
<b>34</b>	<b>Emergence of bla<sub>VEB</sub> and bla<sub>GES</sub> among VIM-producing Pseudomonas aeruginosa clinical isolates in Alexandria, Egypt</b>
	<b>Gaballah, A., Elbaradei, A., Elsheredy, A., Kader, O.</b>
	Collaboration with Alexandria University
<b>35</b>	<b>Enhanced production of di-(2-ethylhexyl) phthalate (DEHP) by Bacillus subtilis AD35 using response surface methodology (RSM)</b>
	<b>Lotfy, W.A., Hassan, S.W.M., Abd El-Aal, A.A., Ghanem, K.M.</b>
	Collaboration with Alexandria University, and National Institute of Oceanography and Fisheries
<b>36</b>	<b>Evaluating the therapeutic potential of one-carbon donors in nonalcoholic fatty liver disease</b>
	<b>Bakir, M.B., Salama, M.A., Refaat, R., Ali, M.A., Khalifa, E.A., Kamel, M.A.</b>
	Collaboration with Alexandria University
<b>37</b>	<b>Formulation strategies for achieving high delivery efficiency of thymoquinone-containing Nigella sativa extract to the colon based on oral alginate microcapsules for treatment of inflammatory bowel disease</b>

	<b>Samak, Y.O., Santhanes, D., El-Massik, M.A., Coombes, A.G.A.</b>
	Collaboration with Queensland university, Monash university, Queen Elizabeth university
<b>38</b>	<b>Improved oral bioavailability of the anticancer drug catechin using chitosomes: Design, in-vitro appraisal and in-vivo studies</b>
	<b>Ezzat, H.M., Elnaggar, Y.S.R., Abdallah, O.Y.</b>
	Collaboration with Alexandria university
<b>39</b>	<b>Improving hepatic mitochondrial biogenesis as a postulated mechanism for the antidiabetic effect of spirulina platensis in comparison with metformin (2019) Applied Physiology,</b>
	<b>Oriquat, G.A., Ali, M.A., Mahmoud, S.A., Eid, R.M.H.M., Hassan, R., Kamel, M.A.</b>
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<b>40</b>	<b>Insights on the use of nanocarriers for acne alleviation (2019) Current Drug Delivery, 16 (1), pp. 18-25. Cited 11 times.</b>
	<b>Amer, S.S., Nasr, M., Mamdouh, W., Sasmour, O.</b>
	Collaboration with Alexandria University
<b>41</b>	<b>Lecithin Microemulsion Lipogels Versus Conventional Gels for Skin Targeting of Terconazole: In Vitro, Ex Vivo, and In Vivo Investigation</b>
	<b>Talaat, S.M., Elnaggar, Y.S.R., Abdalla, O.Y.</b>
	Collaboration with Alexandria University
<b>42</b>	<b>Liquid Chromatography-Mass Spectrometry for muconic, mandelic, hippuric and methylhippuric acids analysis in human urine as metabolites for fuel exposure</b>
	<b>Belal, S.F., Shaalan, R.A., Ragab, M.A.A., El-Attar, E.A., Agami, M.</b>

	Collaboration with Alexandria University
<b>43</b>	<b>Maxillary sinus floor elevation using hydroxyapatite nano particles vs tenting technique with simultaneous implant placement: A randomized clinical trial</b>
	<b>Khaled, H., Atef, M., Hakam, M.</b>
	Collaboration with Cairo University
<b>44</b>	<b>Mechanistic role of cAMP and hepatocyte growth factor signaling in thioacetamide-induced nephrotoxicity: Unraveling the role of platelet rich plasma</b>
	<b>Keshk, W.A., Zahran, S.M.</b>
	Collaboration with Tanta University
<b>45</b>	<b>Mesoporous silica nanoparticles, a safe option for silymarin delivery: preparation, characterization, and in vivo evaluation</b>
	<b>Nasr, S.S., Nasra, M.M.A., Hazzah, H.A., Abdallah, O.Y.</b>
	Collaboration with Alexandria University
<b>46</b>	<b>Micro- and nanotechnology approaches to improve Parkinson's disease therapy</b>
	<b>Torres-Ortega, P.V., Saludas, L., Hanafy, A.S., Garbayo, E., Blanco-Prieto, M.J.</b>
	Collaboration with Universidad de Navarra, Instituto de Investigación Sanitaria de Navarra
<b>47</b>	<b>Reviewing two decades of nanomedicine implementations in targeted treatment and diagnosis of pancreatic cancer: An emphasis on state of art</b>
	<b>El-Zahaby, S.A., Elnaggar, Y.S.R., Abdallah, O.Y.</b>
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<b>50</b>	<b>Robust Chromatographic Methods for the Analysis of Two Quaternary Mixtures Containing Paracetamol, Codeine, Guaifenesin and Pseudoephedrine or Phenylephrine in their Dosage Forms (2019) Journal of Chromatographic Science, 57 (9), pp. 828-837.</b>
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	Collaboration with Alexandria University
<b>51</b>	<b>Simple mix-and-read assays for the determination of baclofen in pharmaceutical formulation</b>
	<b>El-Yazbi, A.F., Guirguis, K.M., Bedair, M.M., Belal, T.S.</b>
	Collaboration with Alexandria University
<b>52</b>	<b>Simultaneous determination of methocarbamol and aspirin in presence of their pharmacopeial-related substances in combined tablets using novel HPLC-DAD method</b>
	<b>El-Yazbi, F.A., Amin, O.A., El-Kimary, E.I., Khamis, E.F., Younis, S.E.</b>
	Collaboration with Alexandria University
<b>53</b>	<b>Structurally Diverse Histone Deacetylase Photoreactive Probes: Design, Synthesis, and Photolabeling Studies in Live Cells and Tissue</b>
<b>54</b>	<b>Aboukhatwa, S.M., Hanigan, T.W., Taha, T.Y., Neerasa, J., Ranjan, R., El-Bastawissy, E.E., Elkersh, M.A., El-Moselhy, T.F., Frasor, J., Mahmud, N., McLachlan, A., Petukhov, P.A.</b>
	Collaboration with University of Illinois at Chicago , Tanta University, Alexandria University
<b>55</b>	<b>Successful treatment of acute experimental toxoplasmosis by spiramycin-loaded chitosan</b>
	<b>Hagras, N.A.-E., Allam, A.F., Farag, H.F., Osman, M.M., Shalaby, T.I., Fawzy Hussein Mogahed, N.M., Tolba, M.M., Shehab, A.Y</b>
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<b>56</b>	<b>Synthesis of hexagonal nanozinc by arc discharge for antibacterial water treatment, (2019) Surface Innovations, 8 (3), pp. 165-171. Cited 1 time, DOI: 10.1680/jsuin.19.00050</b>
	<b>Khalil, A.M., El-Khatib, A.M., El-Khatib, M.</b>
	Collaboration with Alexandria University
<b>57</b>	<b>Synthesis of some new C2 substituted dihydropyrimidines and their electrophysiological evaluation as L-/T-type calcium channel blockers</b>
	<b>Teleb, M., Rizk, O.H., Zhang, F.-X., Fronczek, F.R., Zamponi, G.W., Fahmy, H.</b>

	<b>Collaboration with South Dakota State University, University of Calgary, University of Calgary, Alexandria University</b>
<b>58</b>	<b>Synthesis, antibacterial evaluation, and DNA gyrase inhibition profile of some new quinoline hybrids</b>
	<b>Rizk, O.H., Bekhit, M.G., Hazzaa, A.A.B., El-Khawass, E.-S.M., Abdelwahab, I.A.</b>
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<b>59</b>	<b>Telmisartan and captopril ameliorate pregabalin-induced heart failure in rats (2019) Toxicology, 428, art. no. 152310, . Cited 1 time.</b>
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	Collaboration with Alexandria University and Cairo University
<b>60</b>	<b>The possible antidiabetic effects of vitamin D receptors agonist in rat model of type 2 diabetes</b>
	<b>Abdel-Rehim, W.M., El-Tahan, R.A., El-Tarawy, M.A., Shehata, R.R., Kamel, M.A.</b>
	Collaboration with Alexandria University
<b>61</b>	<b>The role of <math>\alpha 7</math>nAChR in controlling the anti-inflammatory/anti-arthritis action of galantamine</b>
	<b>Gowayed, M.A., Rothe, K., Rossol, M., Attia, A.S., Wagner, U., Baerwald, C., El-Abhar, H.S., Refaat, R.</b>
	Collaboration with University of Leipzig, Germany, Cairo University
<b>62</b>	<b>Torres-Ortega, P.V., Martínez-Valbuena, I., Martí-Andrés, G., Hanafy, A.S., Luquin, M.R.,</b>
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	Collaboration with Universidad de Navarra, universität München, Instituto de Investigación Sanitaria de Navarra, Universidad de Navarra
<b>63</b>	<b>Volatile organic compounds of biofluids for detecting lung cancer by an electronic nose based on artificial neural network</b>
	<b>Mohamed, E.I., Mohamed, M.A., Abdel-Mageed, S.M., Abdel-Mohdy, T.S., Badawi, M.I., Darwish, S.H.</b>
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