



Ahmad Muhammad Salahuddin Awad

أحمد محمد صلاح الدين عوض

Associate Professor

PROFILE

Professor of Biochemistry & Molecular Biology

ACADEMIC TITLES

2022-11-30	Professor
2017-11-18	Associate Professor

ADMINISTRATIVE POSITIONS

2022-10-01 - Present	Vice dean (college of health & medical technologies) for scientific affairs
2018-02-01 - 2022-10-01	Vice dean (college of pharmacy) for scientific affairs

PUBLICATIONS (38)

1. Repurposing of high-dose N-acetylcysteine as anti-inflammatory, antioxidant and neuroprotective agent in moderate to severe traumatic brain injury patients: a
Inflammopharmacology, 1-10, 2025 | 2025 | Cited: 7
2. Comparative study between the effects of high doses of rosuvastatin and atorvastatin on ventricular remodeling in patients with ST-segment elevation myocardial infarction
Cardiovascular drugs and therapy 39 (5), 1113-1123, 2025 | 2025 | Cited: 5
3. Enhanced antitumour efficacy of ferulic acid nanoparticles in combination with doxorubicin—a promising strategy for breast cancer treatment
Contemporary Oncology/Współczesna Onkologia 29 (1), 2025 | 2025
4. The impact of CBR3 (rs1056892) and ABC1 (rs45511401) genetic polymorphisms on doxorubicin-induced cardiotoxicity and the potential role of brain natriuretic peptide as an
Expert Opinion on Drug Metabolism & Toxicology 21 (6), 737-749, 2025 | 2025 | Cited: 1
5. Comparison of Postoperative Inflammation, Oxidative Stress, Pain and Cognitive Impairment in Propofol and Sevoflurane: A Randomized Clinical Trial
Bulletin of Pharmaceutical Sciences Assiut University 48 (1), 421-442, 2025 | 2025
6. Studying the association between some genetic polymorphisms and Doxorubicin-Induced Cardiotoxicity
Int J Clin Med Res 2 (2), 64-72, 2024 | 2024 | Cited: 3
7. Neuroprotective effects of punicalagin and/or micronized zeolite clinoptilolite on manganese-induced Parkinson's disease in a rat model: Involvement of multiple pathways
CNS Neuroscience and Therapeutics | 2024 | Cited: 6
8. Design and Optimization of Sesamol Nanosuspensions to Potentiate the Anti-Tumor Activity of Epirubicin against Ehrlich Solid Carcinoma-Bearing Mice
Pharmaceutics 16 (7), 937, 2024 | 2024 | Cited: 5
9. Assessment of the effect of unfractionated heparin administered either by intravenous infusion vs. subcutaneous injection on heparin-binding protein, and plasminogen
European Review for Medical and Pharmacological Sciences 28 (16), 4199-4213, 2024 | 2024 | Cited: 2

CONTACT

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EDUCATION

Doctorate (2011-09-11)
Biochemistry
Al-Azhar University

Master's Degree (2007-09-25)
Biochemistry
Al-Azhar University

Bachelor's Degree (2004-05-01)
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Al-Azhar University

RESEARCH METRICS

h-index (Scopus)	9
h-index (GS)	12
Citations (Scopus)	208
Citations (GS)	382
Documents (Scopus)	24
Documents (GS)	35

RESEARCH INTERESTS

- Biochemistry
- Clinical chemistry
- Molecular Biology



10. **Impact of CYP2D6* 2A, CYP2D6* 4 and CYP3A5* 3 genetic polymorphisms on Bisoprolol peak concentration and clinical response in acute coronary syndrome patients**
British Journal of Clinical Pharmacology, 2024 | 2024 | Cited: 2
11. **Novel potential drug interactions with bisoprolol in hospitalized acute coronary syndrome patients**
Bulletin of Pharmaceutical Sciences Assiut University 47 (1), 395-413, 2024 | 2024 | Cited: 1
12. **Alveolar cleft reconstruction using bone marrow aspirate concentrate and iliac cancellous bone: A 12-month randomized clinical study**
Clinical Oral Investigations, 1-9, 2023 | 2023 | Cited: 10
13. **Polymorphic renal transporters and cisplatin's toxicity in urinary bladder cancer patients: current perspectives and future directions**
Medical Oncology 40 (2), 80, 2023 | 2023 | Cited: 21
14. **Impact of miR-23b and miR-331 Gene Expressions on HCV-Related Hepatocellular Carcinoma in Egyptian Patients**
Surgery, Gastroenterology and Oncology 28 (2), 88-95, 2023 | 2023
15. **Genetic Polymorphisms and Risk of Cardiovascular Disease**
International Journal of Clinical Medical Research 2 (1), 1-10, 2023 | 2023 | Cited: 1
16. **Antitumor effect of esculetin on sorafenib -treated human hepatocellular carcinoma cell lines via suppression of VEGF-EGFR/RAS/ERK/NF-KB pathway and modulation of p13K/ P38 axis crosstalk**
Egyptian Journal of Chemistry | 2023
17. **Antitumor effect of esculetin on sorafenib-treated human hepatocellular carcinoma cell lines via suppression of VEGF-EGFR/RAS/ERK/NF-KB pathway and modulation of p13K/P38 axis ...**
Egyptian Journal of Chemistry 66 (12), 335-346, 2023 | 2023 | Cited: 3
18. **Evening Primrose Oil Enhances Tamoxifen's Anticancer Activity against Breast Cancer Cells by Inducing Apoptosis, Inhibiting Angiogenesis, and Arresting the Cell Cycle**
Molecules | 2022
19. **Epigenetic restoration and activation of ER β : an inspiring approach for treatment of triple-negative breast cancer**
Medical Oncology 39 (10), 150, 2022 | 2022 | Cited: 16
20. **Impact of HOXB4 and PRDM16 Gene Expressions on Prognosis and Treatment Response in Acute Myeloid Leukemia Patients**
Pharmacogenomics and Personalized Medicine, 663-674, 2022 | 2022 | Cited: 5
21. **Evening Primrose Oil Enhances Tamoxifen's Anticancer Activity against Breast Cancer Cells by Inducing Apoptosis, Inhibiting Angiogenesis, and Arresting the Cell Cycle**
Molecules 27 (8), 2391, 2022 | 2022 | Cited: 16
22. **Correlation study on HLA-DR and CD117 (c-kit) expressions: its prognosis and treatment response in acute myeloid leukemia patients**
Pharmacogenomics and Personalized Medicine, 381-393, 2021 | 2021 | Cited: 23
23. **Attenuative Effects of Fluoxetine and Triticum aestivum against Aluminum-Induced Alzheimer's Disease in Rats: The Possible Consequences on Hepatotoxicity and Nephrotoxicity**
Molecules | 2021
24. **Attenuative Effects of Fluoxetine and Triticum aestivum against Aluminum-Induced Alzheimer's Disease in Rats: The Possible Consequences on Hepatotoxicity and ...**
Molecules 26 (21), 6752, 2021 | 2021 | Cited: 25
25. **Optimization of a micro-high-performance liquid chromatography method for determination of metronidazole benzoate in their standard powder and in dosage pharmaceuticals**
International Journal of Green Pharmacy (IJGP) 13 (01), 2019 | 2019 | Cited: 10
26. **To study the effect of taurine on the effects of vital bones and regulate the level of glucose in type II diabetes**
Int. J. Res. Pharm. Sci 10 (3), 2545-2551, 2019 | 2019 | Cited: 16
27. **ATORVASTATIN AMELIORATES CISPLATIN INDUCED OXIDATIVE STRESS IN EHRlich ASCITES SOLID TUMOR-BEARING MICE: A PROSPECTIVE CASE CONTROL STUDY**
Al-Azhar Medical Journal 47 (1), 97-107, 2018 | 2018 | Cited: 4

28. **Chemopreventive and antitumor effects of benzyl isothiocyanate on HCC models: A possible role of HGF /pAkt/ STAT3 axis and VEGF**
Biomedicine and Pharmacotherapy | 2018 | Cited: 27
29. **NRAMP1 (SLC11A1) Gene-1703 G/A Polymorphisms as Prognostic and Diagnostic Marker of Rheumatoid Arthritis in Egyptian Population**
Journal of allergy and therapy 8 (1), 2017 | 2017
30. **Ameliorative effect of gossypin against gentamicin-induced nephrotoxicity in rats**
Life Sciences, 2017 | 2017 | Cited: 50
31. **ERCC1 and ERCC2 as Predictive Biomarkers to Oxaliplatin-Based Chemotherapy in Colorectal Cancer Patients from Egypt**
Experimental and Molecular Pathology 102 (1), 78-85, 2017 | 2017 | Cited: 26
32. **Gastroprotective Effect of Punicalagin against Ethanol-Induced Gastric Ulcer: The Possible Underlying Mechanisms**
Biomarkers Journal 3 (1), 2017 | 2017 | Cited: 24
33. **Effects of Grape Seed Proanthocyanidin Extract in Attenuating Diabetic Complications in Streptozotocin-Induced Diabetic Rats**
journal of applied pharmacy 9 (2), 2017 | 2017 | Cited: 13
34. **Antibiotics regimen to treat febrile neutropenia in acute leukemia**
European journal of clinical pharmacy: atención farmacéutica 19 (6), 379-386, 2017 | 2017
35. **Gastroprotective effect of vanillin on indomethacin-induced gastric ulcer in rats: protective pathways and anti-Secretory mechanism**
Journal of Clinical & Experimental Pharmacology 7 (2), 2161-1459.1000232, 2017 | 2017 | Cited: 52
36. **Changes in the activity of lipase from porcine pancreas in combination with polystyrene microsphere of different diameters**
Ветеринария, зоотехния и биотехнология 2015 (12), 63-67, 2015 | 2015 | Cited: 4
37. **PROTECTIVE EFFECT OF THYMOQUINONE AGAINST ETHINYLESTRADIOL AND CHLORPROMAZINE-INDUCED INTRAHEPATIC CHOLESTASIS IN RATS**
Egypt. J. Biomed. Sci. 45, 161, 2014 | 2014 | Cited: 1
38. **BIOCHEMICAL MARKERS IN SPONTANEOUS BACTERIAL PERITONITIS**
Egypt. J. Biomed. Sci. 37, 17, 2011 | 2011 | Cited: 3