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CURRENT POSITION

- Assistant Professor of Biochemistry, Department of Pharm D, Faculty of Pharmacy, Jadara University, Irbid, Jordan (March 2024- present).



PREVIOUS POSITIONS

- Associate Professor of Biochemistry, Department of Biochemistry, Faculty of Pharmacy, Menoufia University, Egypt (October 2020- March 2024).
- Vice director of Quality Assurance Unit (QAU) of Faculty of Pharmacy, Menoufia University (July 2021 – March 2024).
- Assistant Lecturer of Biochemistry, Department of Biochemistry, Faculty of Pharmacy, Menoufia University, Egypt (July 2018- October 2020).
- Instructor of Biochemistry, Department of Biochemistry, Faculty of Pharmacy, Menoufia University, Egypt (October 2016-July 2018).
- Instructor of Biochemistry, Department of Biochemistry, Faculty of Pharmacy, Tanta University (September 2013- October 2016).



CURRENT WORK ADDRESSES

Faculty of Pharmacy, Jadara University, Irbid, Jordan.



BIRTHDAY

30 JULY 1990



EDUCATION

PhD in Pharmaceutical Sciences (Biochemistry)

2018-2020

Faculty of Pharmacy, Suez Canal University, Egypt

PhD thesis entitled “Enhancing the Chemotherapeutic Effect of Cisplatin with Thymoquinone via Modulation of Canonical and Non-Canonical Notch Signaling Pathway”

M.Sc. in Pharmaceutical Sciences (Biochemistry)

2015-2018

Faculty of Pharmacy, Tanta University

Master thesis entitled “Study of the cytotoxicity of doxorubicin and thymoquinone- loaded nanoparticles in experimentally-induced breast cancer in mice”

Pre-Master courses in Biochemistry

2013 –2014

Faculty of Pharmacy, Tanta University

B.Sc., Pharmaceutical Science | general grade Excellent (Honor, 8th over about 1200 students)

2008 –2013

Faculty of Pharmacy, Tanta University



GRANTS/ PROJECTS

Principal Investigator (PI) of a previous two-years project entitled “Potential Protective Effect of Verapamil-Loaded Quantum Dots against Lipopolysaccharides-Induced Learning and Memory Impairment; *In-vitro* and *In-vivo* Alzheimer Like Models” funded by The Science, Technology & Innovation Funding Authority (STDF) by 2,500,000 EGP under grant number 45960, Call 1, Applied Sciences Research Grants, Applied Sciences Research Program (15/5/2022 – 15/5/2024).



PUBLICATIONS

1. Mosalam, E. M.; Abdallah, M. S.; Gardouh, A. R.; Hamza, E.; Bahaa, M. M.; Nazih, M.; et al., SIRT1 in brain aging: molecular mechanisms and therapeutic potential of pharmacological and natural modulators. Biogerontology 2026, 27, (4), 137.
2. Mosalam, E. M.; Abdallah, M. S.; Gardouh, A. R.; Hamza, E.; Bahaa, M. M.; Nazih, M.; Al-Dhelaan, R. A.; Kamal, N., The cross-talk between GSK-3 β , RKIP, and PTEN as potential targets for therapeutic implications in cancer: a comprehensive insight. Journal of Pharmacy & Pharmaceutical Sciences 2026, 29, 16610.
3. Bahaa, M. M.; Abdallah, M. S.; Mosalam, E. M.; Gardouh, A. R.; Nazih, M.; Hamza, E.; Al-Dhelaan, R. A.; Kamal, N., Ulcerative colitis, pathophysiological mechanisms and drug repurposing: a new therapeutic dawn-narrative review. Inflammopharmacology 2026, 34, (4), 2077-2113.
4. AlRasheed, H. A.; Abdallah, M. S.; Mosalam, E. M.; Bahaa, M. M.; Salahuddin, M. M.; Hamouda, A. O.; Alrubia, S.; Alsegiani, A. S.; El-Khateeb, E.; Elmahdy, M. Kh.; Elshorbagi, N.; Meselhy, A. E. R. A.; Hamza, E.; Wahsh, E., Modulation of mTOR, NLRP3, and Nrf2/HO-1 signaling by atorvastatin and nitazoxanide in experimental ulcerative colitis. Naunyn-Schmiedeberg's Archives of Pharmacology 2026, 1-18.
5. Eltamany, E. E.; Badawy, A. M.; Hussien, R. M.; El-Ayouty, M. M.; Sallam, A. S.; Mehanna, E. T.; Elhady, S. S.; Ahmed, S. A.; Mosalam, E. M., Molecular Insights of Neuroprotective Effect of Cornulaca monacantha Extract Against LPS-Induced Neuroinflammation Supported by Metabolic Profiling and Protein Interaction Analysis. International Journal of Molecular Sciences 2026, 27, (5), 2263.
6. Aldossary, K. M.; Abdallah, M. S.; Mosalam, E. M.; Kamal, N.; Saif, D. S.; Elsayed, S. A.-R.; Afifi, N.; Zakaraia, H. G.; Khriebe, M. O.; Bahaa, M. M., Efficacy of Paroxetine as an

- Adjuvant Therapy in Rheumatoid Arthritis Patients: A Randomized Controlled Study. Drug Design, Development and Therapy 2025, 19, (null), 11925-11939.
7. Salah, A. N.; Doghish, Y. A.; Abbass, S. O.; Mansour, R. M.; Sayed, G. A.; Elshami, N. H.; Mageed, S. S. A.; Mohammed, O. A.; Abulsoud, A. I.; Zaki, M. B.; Mosalam, E. M.; Elrebehy, M. A.; Alfarsi, K.; Doghish, A. S., Microbiota-based therapies in oral health and disorders. Folia Microbiologica 2025, 70, (6), 1217-1240.
 8. Donia, M. S. M.; Badawy, A. M.; Qwaider, N. G.; El-Ayouty, M. M.; Mosalam, E. M.; Ghoneim, M. E.-S.; Bagalagel, A. A.; Murshid, S. S. A.; Elhady, S. S.; Ahmed, S. A., Neuroprotective effects of Artemisia monosperma against LPS-induced neuroinflammation via TLR4 modulation and myeloperoxidase inhibition: metabolomic and molecular insights. Future Journal of Pharmaceutical Sciences 2025, 11, (1), 114
 9. Alherz, F. A.; Abdallah, M. S.; Mosalam, E. M.; Bahaa, M. M.; Elmasry, T. A.; El-Gammal, M. A.; Negm, W. A.; Elberri, A.; Elshorbagi, N.; Abo Mansour, H. E.; Hamouda, A. O.; Salahuddin, M. M.; Yasser, M.; Eldesoqui, M.; Alrubia, S.; Alsegiani, A. S.; El-Khateeb, E.; ElMahdy, M. K.; Wahsh, E., Colo-Protective Effects of Pentoxifylline Alone or in Combination With Mesalamine in Colitis Through Sphingosine Kinase 1/Sphingosine 1 Phosphate, and Zonula Occludin 1 Pathways: New Molecular Approach. Pharmacology Research & Perspectives, 2025.
 10. Mosalam, E. M., H. S. AboShabaan, M. M. Mahfouz, A. S. Sallam, E. Elhosary, A. Allam, E. M. Metwally, M. A. Shaldam and M. E.-S. Ghoneim, Protective effect of empagliflozin against paracetamol-induced acute kidney injury through modulation of AMPK/SIRT1/PGC-1 α pathway in experimental mice. Toxicology and Applied Pharmacology, 2025.
 11. Mosalam, E.M.; Atya, S.M.; Mesbah, N.M.; Allam, S.; Mehanna, E.T. Neuroprotective Effects of Cilomilast and Chlorogenic Acid Against Scopolamine-Induced Memory Deficits via Modulation of the cAMP/PKA–CREB–BDNF Pathway. International Journal of Molecular Sciences. 2025
 12. Alhaddad, A.; Mosalam, E.M.; AboShabaan, H.S.; Sallam, A.S.; Mahfouz, M.M.; Elhosary, E.; Mohammed, A.A.; Metwally, E.M.; Shaldam, M.A.; Ghoneim, M.E.-S. Mechanistic and Molecular Insights into Empagliflozin's Role in Ferroptosis and Inflammation Trajectories in Acetaminophen-Induced Hepatotoxicity. Pharmaceuticals 2025,
 13. Doghish, A. S., W. A. El-Dakroury, A. I. Abulsoud, N. M. Abdelmaksoud, S. H. Aly, A. M. M. Elbadry, O. A. Mohammed, M. A. Abdel-Reheim, M. B. Zaki, N. I. Rizk, E. M. Mosalam, A. S. El-Khouly and S. S. A. Mageed. "Natural compounds as regulators of miRNAs: exploring a new avenue for treating brain cancer." Naunyn-Schmiedeberg's Archives of Pharmacology. 2025
 14. Samman WA, Mosalam EM, Saif DS, Abdallah MS, Zidan A-AA, Sallam AS, et al. Deciphering the role of Wnt/ β -catenin and miR-214 in knee osteoarthritis: molecular and clinical insights. Frontiers in Pharmacology. 2025;16

15. Alqahtani, J.; *Mosalam, E.M.*; Abo Mansour, H.E.; Elberri, A.I.; Ibrahim, H.A.; Mahgoub, S.; Hussein, I.A.; Hawwal, M.F.; Al Hmoudi, M.; Moglad, E.; et al. Anticancer Effect of Cycas media: Molecular Basis Through Modulation of PI3K/AKT/mTOR Signaling Pathway. *Molecules*, 2024
16. *Mosalam, E. M.*; Abdel-Bar, H. M.; Elberri, A. I.; Abdallah, M. S.; Zidan, A.-A. A.; Batakoushy, H. A.; Abo Mansour, H. E., Enhanced neuroprotective effect of verapamil-loaded hyaluronic acid modified carbon quantum dots in an in-vitro model of amyloid-induced Alzheimer's disease. *International Journal of Biological Macromolecules*. 2024
17. Negm WA, Elekhawy E, Mahgoub S, Ibrahim HA, Ibrahim Elberri A, Abo Mansour HE, *Mosalam EM*, Moglad E, Alzahraa Mokhtar F. Dioon rzedowskii: An antioxidant, antibacterial and anticancer plant extract with multi-faceted effects on cell growth and molecular signaling. *International Immunopharmacology*. 2024
18. Salem, M. A., Mohamed, O. G., *Mosalam, E. M.*, Elberri, A. I., Abdel-Bar, H. M., Hassan, M., . . . Abo Mansour, H. E. (2023). Investigation of the phytochemical composition, antioxidant, antibacterial, anti-osteoarthritis, and wound healing activities of selected vegetable waste. *Scientific Reports*. 2023.
19. El-Khateeb, E., El-Berri, E. I., *Mosalam, E. M.*, Nooh, M. Z., Abdelsattar, S., Alghamdi, A. M., . . . Abdallah, M. S. Evaluating the safety and efficacy of the leukotriene receptor antagonist montelukast as adjuvant therapy in obese patients with type 2 diabetes mellitus: A double-blind, randomized, placebo-controlled trial. *Frontiers in Pharmacology*. 2023.
20. Salem, M. A., Mansour, H. E. A., *Mosalam, E. M.*, El-Shiekh, R. A., Ezzat, S. M., & Zayed, A. . Valorization of by-products Derived from Onions and Potato: Extraction Optimization, Metabolic Profile, Outstanding Bioactivities, and Industrial Applications. *Waste and Biomass Valorization*, 2023.
21. *Mosalam, E.M.*, Elberri, A.I., Sallam, A.S. et al. Chronotherapeutic neuroprotective effect of verapamil against lipopolysaccharide-induced neuroinflammation in mice through modulation of calcium-dependent genes. *Molecular Medicine*, 2022.
22. Eltamany EE, *Mosalam EM*, Mehanna ET, Awad BM, Mosaad SM, Abdel-Kader MS, Ibrahim AK, Badr JM, Goda MS. Potential Gonado-Protective Effect of Cichorium endivia and Its Major Phenolic Acids against Methotrexate-Induced Testicular Injury in Mice. *Biomedicines*, 2022.
23. Gad D, Abo Mansour HE, Saad-Allah KM, Abdallah MS, Ibrahim Elberri A, *Mosalam EM*. Biostimulants improve the hepatoprotection of Ammi visnaga seed yield extract against carbon tetrachloride induced acute hepatitis in mice through modulation of MAPK. *Saudi Journal of Biological Sciences*, 2022.
24. *Mosalam, E.M.*, Zidan AA, Mehanna ET, Mesbah NM, Abo-Elmatty DM. A:Role of Notch Signaling Pathway in Breast Cancer and Chemo-resistance. *Records of Pharmaceutical and Biomedical Sciences*, 2020.

25. Mosalam EM, Zidan AA, Mehanna ET, Mesbah NM, Abo-Elmatty DM. Thymoquinone and pentoxifylline enhance the chemotherapeutic effect of cisplatin by targeting Notch signaling pathway in mice. Life Sciences, 2020
26. Zidan AA, El-Ashmawy NE, Khedr EG, Salem ML, Ebeid EM, Mosalam EM. Loading of doxorubicin and thymoquinone with F2 gel nanofibers improves the antitumor activity and ameliorates doxorubicin-associated nephrotoxicity. Life Sciences, 2018.
27. El-Ashmawy NE, Khedr EG, Ebeid EM, Salem ML, Zidan AA, Mosalam EM. Enhanced anticancer effect and reduced toxicity of doxorubicin in combination with thymoquinone released from poly-N-acetyl glucosamine nanomatrix in mice bearing solid Ehrlich carcinoma. European Journal of Pharmaceutical Sciences, 2017.



SCIENTIFIC LINKS

ORCID

<https://orcid.org/0000-0003-4630-4125>



Web of Science

<https://www.webofscience.com/wos/author/record/ADB-4593-2022>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57195624357>



EXPERIENCE

Teaching Experience | Lectures

- Biochemistry
- Clinical Biochemistry
- Medical Biochemistry
- Cell Biology
- Biotechnology
- Medical pathophysiology
- Medical Terminology

Teaching Experience | Talks for Post-graduate students at Faculty of Pharmacy, Tanta University, Egypt

- Planning and Marketing of Medicine

- Bioequivalence Study
- Advanced Clinical Biochemistry
- Forensic Chemistry and Bioanalysis
- Physiology and Hematology
- Special Seminar under the title of (Food Additive)

Teaching Experience | Tutorials

- **Biochemistry** for undergraduate students (second level) at Faculty of Pharmacy, Tanta and Menoufia University.
- **Clinical Biochemistry** for undergraduate students (third level) at Faculty of Pharmacy, Tanta University.
- **Biophysics** for undergraduate students (first level) at Faculty of Pharmacy, Tanta University.
- **Biology** for undergraduate students (first level) at Faculty of Pharmacy, Menoufia University.

Teaching Experience | Laboratory

- **Biology** for undergraduate students (first level) at Faculty of Pharmacy, Menoufia University.
- **Clinical Biochemistry** for undergraduate students (third level) at Faculty of Pharmacy, Tanta University.
- **Biochemistry** for undergraduate students (third level) at Faculty of Pharmacy, Tanta University.
- **Biophysics** for undergraduate students (first level) at Faculty of Pharmacy, Tanta University.
- **Organic Chemistry** for undergraduate students (first level) at Faculty of Pharmacy, Menoufia University.
- **Pharmacognosy** for undergraduate students (first level) at Faculty of Pharmacy, Menoufia University.



RESEARCH SKILLS

- Spectrophotometer techniques.
- Manual and automated RNA and DNA extraction.
- qRT-PCR.
- Cell culture techniques.
- ELISA techniques.
- Cytotoxicity assays.
- Handling of laboratory animals.
- In vitro biochemical assays.
- Interpretation of the results of flow cytometric analyses.
- Fluorescence microscopical analysis.



COMPUTER SKILLS

- Experienced user of Adobe Illustrator.
- Experienced user of Displayr.

- Experienced user of Graphpad Prism.
- Experienced user of Image J.
- Experienced user of Cytoscape.
- Experienced user of Primer 3 plus.
- Experienced user of Primer Blast.
- Experienced user of SPSS.
- Experienced user of EndNote.
- Experienced user of Microsoft Office.



TRAINING COURSES

- **International scientific publishing** at International Faculty and Leadership Development Center, Suez Canal University, Ismailia, Egypt, 2025.
- **Academic guidance** at International Faculty and Leadership Development Center, Suez Canal University, Ismailia, Egypt, 2025.
- **Creative thinking for leaders** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2024.
- **Negotiation Skills** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2024.
- **Fundamental Digital Transformation courses** at training, information, and communication technology center, Suez Canal University, Ismailia, Egypt, 2020.
- **Use of global databases** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2020.
- **Examinations and student assessment** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2020.
- **Ethics of scientific research** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2020.
- **Skills of using mind maps** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2020.
- **People management** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2020.
- **Thinking skills** at International Faculty and Leadership Development Center, Menoufia University, Menoufia, Egypt, 2019.
- **Understanding IELTS** at FUTUTURE LEARN (online course), 2017.
- **Use of Technology** in Teaching at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2016.
- **Credit Hour System** at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2016.
- **Quality Standards** in Teaching at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2016.
- **Strategic Planning** at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2016.
- **Conference Organization** at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2016.
- **How to Compete for a Research Fund** at the International Center for Faculty and Leadership Development, Tanta University, Tanta, Egypt, 2015.

- **ColWri2.2x: English Grammar and Essay Writing** (online learning of University of California, Berkeley through edX with HONOR CODE CERTIFICATE, 2015.
- **Computer science** at the Central Library, Tanta University, Tanta, Egypt, 2014.
- **Ethics of scientific research and writing** at Faculty of Pharmacy, Tanta University , Tanta, Egypt, 2014.
- **Human resources development** (Power of Thinking) at Charles Hamilton Academy, Cairo, Egypt, 2014.
- **Industrial Pharmacy Practice** at Sigma for Pharmaceutical Industries, Qwesna, Egypt, 2012.
- **Community pharmacy practice**, Menoufia, Egypt, 2012.



SEMINARS

- **Technical seminar: Clinical Application of MALDI-TOF in Proteomics & Tissue Imaging** at Centre of Excellence in Cancer Research (CECR), Tanta University Educational Hospital, Tanta, Egypt, 2015.
- **Stem cells: Gate for internationalization** at faculty of Medicine, Tanta University Tanta, Egypt, 2014.



CONFERENCES

- **November 2024: The First Medical day** of Faculty of Pharmacy, Jadara University, Irbid, Jordan.
- **August 2023: Special invitation to “Conference of Excellence in Scientific Research: The Future of Knowledge Production in Egypt”** with Minister of Higher Education and Scientific Research collaboratively with Fulbright Egypt, St. Regis Almasa Hotel, New Administrative Capital, Cairo, Egypt.
- **May 2023: 2nd International Conference of Pharmaceutical and Therapeutical Science PTS 2023**, Faculty of Pharmacy, Menoufia University, Egypt.
- **January 2023: 15th Breast - Gynecological & Immunology International Cancer Conference “Creation & Innovation”.**
- **November 2022: Annual Congress of NCI Cairo University “Bridging Gap in Oncology”.**
- **October 2022: The 14th Annual Conference of National Hepatology & Tropical Medicine Research Institute.**
- **September 2022: 2nd Al-Azhar Clinical & Surgical Oncology International Conference “Reshaping the Future”.**
- **July 2022: The 4th International Hemato-Oncology Consensus “Leading the History, Reshaping the Future”.**
- **January 2022: 14th Breast - Gynecological & Immunology International Cancer Conference “Challenging the impossible”.**
- **September 2021: Virtual attendance for the 1st Regional Forum for Open Science in the Arab States.**
- **April 2021: The Fourth International Alexandria Hematology Conference (Hemo-Alex 2021).**
- **March 2021: 13th Annual Conference Alexandria Society for Cancer Patients Care.**

- January 2021: 13th Breast - Gynecological & Immunology International Cancer Conference.
- December 2019: The second conference of Faculty of Pharmacy, Suez Canal University (Medicines used in internal medicine), Faculty of Pharmacy, Suez Canal University, Ismailia, Egypt.
- August 2018: The first international pharmaceutical sciences conference (Drug Development: from benchside to bedside), Faculty of Pharmacy, Menoufia University, Menoufia, Egypt.
- July 2014: 9th Conference for Liver and Digestive Tract Diseases, Faculty of Medicine, Tanta University, Tanta, Egypt.
- March 2014: 29th Annual Congress First International (Multidisciplinary Medicine Era), faculty of Medicine, Tanta University, Tanta, Egypt.



WORKSHOPS

- Nutritional Therapy & Clinical Nutrition, The 2nd International Conference of Pharmaceutical and Therapeutical Science PTS 2023, Faculty of Pharmacy, Menoufia University, 10 May 2023
- Webinar “Drug Design & Discovery Software”, The 2nd International Conference of Pharmaceutical and Therapeutical Science PTS 2023, Faculty of Pharmacy, Menoufia University, 9 May 2023.
- Webinar “Biobanking & Clinical Pharmacogenomics PGx”, The 2nd International Conference of Pharmaceutical and Therapeutical Science PTS 2023, Faculty of Pharmacy, Menoufia University, 8 May 2023.
- Webinar “Biobanking as a Platform for Biomedical Research”, April 2023.
- Analysis of RNA-Seq data, 11th international GastroIntestinal, Liver and Uro-Oncology Conference, Faculty of Medicine, Ain Shams Research Institute, July 2022
- Online Bioinformatics tools for bulk NGS and single-cell tumor data, 11th international GastroIntestinal, Liver and Uro-Oncology Conference, Faculty of Medicine, Ain Shams Research Institute, July 2022.
- Online web-shop 2021: The Book Publishing Process, Elsevier Publishing Campus.
- Online web-shop 2017: 5 diseases ailing the research, Elsevier Publishing Campus.
- 2016: PCR and its application in Biomedical science fields, Faculty of Pharmacy, Tanta University, Tanta, Egypt.
- 2015: Nanostructure Materials & Applications, Medical Technology Centre for Research and Services, Medical Research Institute, Alexandria University, Alexandria, Egypt.
- 2014: Google Scholar, Faculty of Pharmacy, Tanta University Tanta, Egypt.
- 2014: Technical and Practical Applications of Molecular Biology and Radioisotopes, the Medical Field at Middle Eastern Regional Radioisotopes Centre for the Arabs Countries (MERRCAC), Cairo, Egypt.



REVIEWING

1. “Regulation of subcellular protein synthesis for restoring neural connectivity” for International Journal of Molecular Sciences.

2. "High Resolution-Mass Spectrometry Profiling of Apamarga Ksharodaka (Herbal Alkaline Water from *Achyranthes aspera* Linn.) and Computational Screening of Bioactive Phytochemicals for Wound Healing Applications" for **Phytomedicine Plus**.
3. "Puerarin promotes nerve regeneration and functional recovery after peripheral nerve injury by inhibiting ACSL4-dependent ferroptosis" for **International Journal of Biological Macromolecules**.
4. "High-Fat Diet-induced metabolic disorders: an original cause for neurovascular uncoupling through imbalance of glutamatergic pathways" for **Biomedicines**.
5. "Characterization of a Thermostable α -Amylase from *Bacillus licheniformis* 104.K for Industrial Applications" for **Microorganisms**.
6. "Analysis of GEN1 as a cancer susceptibility gene" for **International Journal of Molecular Sciences**.
7. "Non-Coding RNAs: lncRNA, piRNA, and snoRNA as Robust Plasma Biomarkers of Alzheimer's Disease" for **Biomolecules**.
8. "Transcriptomic profiles reveal DNA-dependent ATPase MbovRecD modulates *Mycoplasma bovis* survival through methyltransferase activity and carbohydrate metabolism regulation" for **International Journal of Biological Macromolecules**.
9. "Exosomal circ_0050688: A Key Player in Temozolomide Resistance and Glioblastoma Progression" for **International Journal of Biological Macromolecules**.
10. "Oxidative Stress Score as a Simplified Surrogate for Prognostic Stratification and Therapeutic Decision-Making in Multiple Myeloma" for **Pharmaceuticals**.
11. "Assessing the Market Readiness of Medical Cannabis in Greece: A Qualitative Study of Patient Perspectives" for **Medicines**.
12. "Validation Study of Analytical Methods for Multiparameter Flow Cytometry-Based Measurable Residual Disease Assessment in Acute Myeloid Leukemia" for **International Journal of Molecular Sciences**.
13. "A Versatile HP6 Contributions to the Humoral Immune Re-sponses of the Chinese Oak Silkworm *Antheraea pernyi*" for **International Journal of Molecular Sciences**.
14. "Peripheral bile acids are elevated in chronic lymphocytic leukemia and may influence pathogenic immunosuppression" for **Biomedicines**.
15. "The PD1 molecule may contribute to lower treatment-free remission rates in patients with chronic myeloid leukemia with the e13a2 transcript" for **Journal of Clinical Medicine**.
16. "YTHDF proteins differentially regulate a subset of m6A-modified transcript to restrain endothelial inflammation during homeostasis" for **International Journal of Biological Macromolecules**.
17. "Lycium barbarum polysaccharide alleviate cadmium-induced mitochondrial dysfunction mediated pyroptosis in duck liver" for **International Journal of Biological Macromolecules**.
18. "Illuminating Future Therapies: Photodynamic Therapy Empowering Anti-tumor Efficacy of Mitochondrial DNA G-quadruplexes Fluorescent Ligand" for **International Journal of Biological Macromolecules**.

19. "Riboflavin transporter deficiency as a cause of progressive encephalopathy-first Polish patients" for **Metabolites**.
20. "Impact of adequate techniques of sterility for ultrasound-guided injections: a scoping review" for **Diagnostics**.
21. "Cholinesterase Inhibitors from Plants and Their Potential in Alzheimer's Treatment: Systematic Review" for **Brain Sciences**.
22. "Endothelial cells-related genes EIF1 and HSPA1B contribute to the pathogenesis of Alzheimer's disease by modulating peripheral immunoinflammatory responses" for **Brain Sciences**.
23. "Prognostic Significance of the Combined "Albumin-To-Alkaline Phosphatase Ratio (AAPR)" and "Haemoglobin-Albumin-Lymphocyte-Platelet (HALP) Score" in Patients with Metastatic Renal Cell Carcinoma Treated by Targeted Therapy: A New Prognostic Combined Risk" for **Journal of Clinical Medicine**.
24. "Anti-inflammatory and antioxidant potential of Ginkgo biloba for neurological disorders" for **Brain Sciences**.
25. "Construction of A Dataset for All Expressed Transcripts for Alzheimer's Disease Research" for **Brain Sciences**.
26. "Chromosomal Discrepancy in Direct and Long-Term Culture from Chorionic Villus Sampling: A Case of 18p Deletion" for **Medicina**.
27. "Effects of Xylitol on Tumor Progression in Syngeneic Mice Cancer Models" for **Nutraceuticals**.
28. "Comprehensive transcriptome analysis expands lncRNA functional profiles in breast cancer" for **International Journal of Molecular Sciences**.
29. "Imatinib-N-oxide through Chemical Modification of Imatinib and Investigation of In-vitro Potential Toxic Metabolite Formation" for **Metabolites**.
30. "Integrative medicine focusing on ultrasound-guided high-dose Shinbaro 2 pharmacopuncture for acute herniated intervertebral discs: a case report" for **Healthcare**.
31. "Thermostable α -amylases and laccases: Paving the way for sustainable industrial applications" for **Processes**.
32. "Pickering Emulsion of Oleoresin from *Dipterocarpus alatus* Roxb. ex G. Don and Its Antiproliferation in Colon (HCT116) and Liver (HepG2) Cancer Cells" for **Molecules**.
33. "Evolution of Caspases and the invention of Pyroptosis" for **International Journal of Molecular Sciences**.
34. "GtTRB1 act as both single stranded and double stranded telomere binding protein and negative regulate telomerase activity in Ginkgo biloba" for **International Journal of Molecular Sciences**.
35. "LINCO0662 promotes aggressive traits by modulating OCT4 expression through miR-335-5p in gallbladder cancer cells" for **International Journal of Molecular Sciences**.
36. "Computer-Aided Design of Lead Flavonoid Compounds Targeting VP35 for Marburg Virus Treatment" for **Bioinformatics**.
37. "Orexins/hypocretins: gatekeepers of social interaction and motivation" for **International Journal of Molecular Science**.

38. "The Influence of Individual and Environmental Characteristics on the Concentration of Proangiogenic Cytokines in Human Brain Glioma and Characteristics of their Concentrations in Acute Lymphoblastic Leukemia" for **International Journal of Molecular Sciences**.
39. "Depleted-MLH1 expression predicts prognosis and immunotherapeutic efficacy in uterine corpus endometrial cancer: an in silico approach" for **Bioinformatics**.
40. "The role of miRNAs in childhood acute lymphoblastic leukemia relapse and the associated molecular mechanisms" for **International Journal of Molecular Sciences**.
41. "SPTBN1 mediates the cytoplasmic constraint of PTTG1 impairing its oncogenic activity in human seminoma" for **International Journal of Molecular Sciences**.
42. "BioLake : A RNA expression analysis framework powered by data lakehouse" for **International Journal of Molecular Sciences**.
43. "Inhalable Chitosan-Coated Nano-Assemblies Potentiate Niclosamide for Targeted Abrogation of Non-Small-Cell Lung Cancer through Dual Modulation of Autophagy and Apoptosis" for **International Journal of Biological Macromolecules**.
44. "Colon cancer inhibitory properties of Caulerpa Lentillifera polysaccharide and its molecular mechanisms based on three-dimensional cell culture model" for **International Journal of Biological Macromolecules**.
45. "Gelatin/Carboxymethylcellulose incorporated CNTs nanocarrier synthesis targeted delivery of Curcumin" for **International Journal of Biological Macromolecules**.
46. "Role of exogenous melatonin in reducing the cardiotoxic effect of 5-Fluorouracil in the rat" for **Scientific Reports**.
47. "ASAP1 Expression in Invasive Breast Cancer and its Prognostic Role" for **International Journal of Molecular Sciences**.
48. "Updated Biomarkers for TNBC in African vs. Caucasian American Women" for **Medicina**.
49. "A novel FLCN variant in a suspected Birt Hogg Dubè Syndrome patient" for **International Journal of Molecular Sciences**.
50. "The crosstalk between RNAs, druggable polyphenols and significant signaling pathways using network analysis to mine novel breast cancer therapeutic strategies" for **Molecules**.
51. "Molecular characterization of patients with cryptorchidism: preliminary search for an expression profile related to testicular germ cell tumor" for **International Journal of Molecular Sciences**.
52. "Involvement of the orexinergic system in cancer: antitumor strategies and future perspectives" for **Applied Sciences-MDPI**.
53. "Evaluation and comparison of dermo-cosmetic activities of three oak species by targeting anti-oxidant metabolites and skin enzyme inhibitors" for **Metabolites-MDPI**.
54. "Exploring the mechanism of Jianpi Huatan Recipe in protecting Hepatocellular carcinoma based on network pharmacology" for **Journal of Ethnopharmacology**.

55. "Arctigenin improves neuropathy via ameliorating apoptosis and modulating autophagy in streptozotocin-induced diabetic mice" for **CNS Neuroscience & Therapeutics**.
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