

أ.د. رفاه بنت شرف بن ناصر المير

(أستاذ – قسم علم الحيوان – كلية العلوم – جامعة الملك سعود)

 المعلومات الشخصية <p>صندوق البريد ٢٢٤٥٢، جامعة الملك سعود، الرياض، ١١٤٥٩، المملكة العربية السعودية هاتف ٩٦٦١١٨٠٥٥٢٣٩ جوال ٩٦٦٥٤١٧٧٥٠٠ البريد الإلكتروني ralmeer@ksu.edu.sa, r.almeer@hotmail.com</p>	 الخبرات <p>أستاذ، كلية العلوم، جامعة الملك سعود، الرياض، المملكة العربية السعودية، مارس ٢٠٢٣ - الان أستاذ مشارك، كلية العلوم، جامعة الملك سعود، الرياض، المملكة العربية السعودية، فبراير ٢٠٢٣ - ٢٠١٩ أستاذ مساعد، كلية العلوم، جامعة الملك سعود، الرياض، المملكة العربية السعودية، يناير ٢٠١٥ - ٢٠١٠ عضو هيئة تدريس لعدد من طلبة البكالوريوس والماجستير والدكتوراه إشراف على طلبة الماجستير والدكتوراه أثناء إعداد الرسالة وأشرف على العمل المخبري المصاحب لهم محكم وممتحن على العديد من أطروحتات الماجستير والدكتوراه مقرر وعضوة في العديد من اللجان الأكاديمية الرئيسية داخل الجامعة خالل مسيرتي مثل لجنة الجداول لجنة المراجعة والتتفيق لجنة الارشاد الأكاديمي لجنة المعامل لجنة الدراسات العليا لجنة العلاقات العامة وخدمة المجتمع لجنة المقترنات البحثية لجنة الإبعاث لجنة الاعتماد الأكاديمي لجنة سير الامتحانات لجنة الخريجين والتأهيل الوظيفي لجنة تعين المعديات عضو في مجموعتين بحثية عضوة في لجنة التعليم الإلكتروني</p>
 بخصوصي <ul style="list-style-type: none">عالمة وأكاديمية سعودية بارعة ومتغيرة، لدى خبرة ١٥ سنة في المجال الأكاديمي والبحث الأكاديميلدي اتقان في مهارات وأساليب البحث التي تؤدي إلى البحث الأصيل الذي يوسع حدود المعرفة والعمل، وبعدها يستحق النشر المعلم الوطني أو الدوليمساهمة نشطة في البرامج الاجتماعية والمجتمع	<ul style="list-style-type: none">عضو هيئة تدريس لعدد من طلبة البكالوريوس والماجستير والدكتوراهإشراف على طلبة الماجستير والدكتوراه أثناء إعداد الرسالة وأشرف على العمل المخبريالمصاحب لهممحكم وممتحن على العديد من أطروحتات الماجستير والدكتوراهمقرر وعضوة في العديد من اللجان الأكاديمية الرئيسية داخل الجامعة خالل مسيرتي مثللجنة الجداوللجنة المراجعة والتتفيقلجنة الارشاد الأكاديميلجنة المعامللجنة الدراسات العليالجنة العلاقات العامة وخدمة المجتمعلجنة المقترنات البحثيةلجنة الإبعاثلجنة الاعتماد الأكاديميلجنة سير الامتحاناتلجنة الخريجين والتأهيل الوظيفيلجنة تعين المعدياتعضو في مجموعتين بحثيةعضوة في لجنة التعليم الإلكتروني
 المهارات <p>امتلاك شخصية ممتازة وروح الفريق وخلفية متنوعة مع خبرة في مجالات وظيفية تتجاوز التدريس/التوجيه مثل الفاعلية التنظيمية، وتطوير الإدارة بما في ذلك المناهج الدراسية، وتدريب القوى العاملة، القيادة الملهمة، وإدارة الأداء، وتنسيق المشروع، والكتابة الفنية والتطوير التنظيمي الشامل</p>	<p>محاضر، كلية العلوم، جامعة الملك سعود، الرياض، المملكة العربية السعودية، ٢٠١٤ - ٢٠٠٩ معيد، كلية العلوم، جامعة الملك سعود، الرياض، المملكة العربية السعودية، ٢٠٠٨ - ٢٠٠٧</p>
 المنصب الإداري <ul style="list-style-type: none">رئيسة وحدة البحث والنشر العلمي ٢٠١٩-٢٠١٨	
 التعليم <p>درجة الدكتوراه في العلوم (علم الحيوان) من جامعة الملك سعود (٢٠١٤-٢٠٠٩) المعدل التراكمي ٤.٩٧ من ٥</p> <p>درجة الماجستير في العلوم (علم الحيوان) من جامعة الملك سعود (٢٠٠٧-٢٠٠٣) المعدل التراكمي ٤.٥٥ من ٥</p> <p>درجة البكالوريوس في العلوم (علم الحيوان) من جامعة الدمام (١٩٩٧-٢٠٠٠) المعدل التراكمي ٤.٦ من ٥</p>	الأهداف <p>القيادة والمشاركة في البرامج البحثية التي تسفر عن حلول فعالة ومرحبة لتعزيز الاستراتيجيات والamarasat وسير العمل والحلول القائمة تحديد فرص زيادة وتحسين ممارسات وتقنيات البحث الحالية لتحقيق أعلى أداء وقيمة إلهام وتحفيز المهنيين الشباب لتحديد فرص النمو في كل من الحياة المهنية والشخصية</p>
 اللغات <ul style="list-style-type: none">★★★★★ العربية★★★★★ الإنجليزية	 الجوائز <p>جائزة النشر ٢٠١٦ من مستشفى الملك فيصل التخصصي ومركز الأبحاث</p> <p>جائزة النشر من جامعة الملك سعود ٢٠١٨</p>

<p>الإشراف إلى (٢٠٢٣-١٠)</p> <p>٩ = ماجستير (رسالة) ٨ = ماجستير (مقررات) ٥ = دكتوراه</p> <p>لجان المناقشة إلى (٢٠٢٣-١٠)</p> <p>٢١ = ماجستير (رسالة) ٥ = ماجستير (مقررات) ٣ = دكتوراه</p>	<ul style="list-style-type: none"> • برنامج رائد من جامعة الملك سعود ٢٠١٧ <p>عدد البحوث المنشورة إلى (٢٠٢٣-١٠) = ١١٢</p> <p>النشاطات الاجتماعية، المؤتمرات و ورش العمل = ١٧٢</p>
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



البحوث المنشورة

- Evaluation of the Protective Role of Vitamin B12 on Gamma Radiation Induced Cytotoxicity in Mice. Al-Hazzaa, A., El-Habet, O. and **Al-Meer, R.S.** (2006). J. King Saud Univ., Vol. 19, Science (2), pp 97-107.
- Adaptive response to ionizing radiation and the role of vitamin B12 in amelioration radiation protection standards. **Rafah S. Al-Meer**, Ola H.M. El-Habit and Amal A. Al-Hazaa. (2011). J. King Saud Univ., Vol. 23, Issue 2, pp 197–204.
- Effect of Sub-Lethal Concentrations of Cadmium and Lead on Oreochromis Niloticus. Manal El-Khadragy, Ebtesam AlOlayan, AAK Abou Arab, **Rafa AlMeer**, RL Abd-El Aziz. (2016). Biomed Res- India 2017, Vol. 28, Issue 4.
- Gender bias in individual radiosensitivity and the association with genetic polymorphic variations, Radiotherapy and Oncology. Ghazi Alsbeih, **Rafa S. Al-Meer**, Najla Al-Harbia, Sara Bin Judiaa, Muneera Al-Buhairia, Nikki Q. Venturinaa, Belal Moftah. (2016). Available online 14 March 2016.
- ROS-Mediated Apoptosis and Genotoxicity Induced by Palladium Nanoparticles in Human Skin Malignant Melanoma Cells. Saud Alarifi, Daoud Ali, Saad Alkahtani, and **Rafa S. Almeer**. (2017). Oxidative Medicine and Cellular Longevity.
- Ziziphus spina-christi fruit extract suppresses oxidative stress and p38 MAPK expression in ulcerative colitis in rats via induction of Nrf2 and HO-1 expression. **Rafa S. Almeer**, Sahar M. Mahmoud, Hatem K. Amin, and Ahmed E. Abdel Moneim. (2018). Food and Chemical Toxicology. Available online 5 March 2018.
- Evaluation of the Protective Effect of Olive Leaf Extract on Cisplatin-Induced Testicular Damage in Rats. **Rafa S. Almeer** and Ahmed E. Abdel Moneim. (2018). Oxidative Medicine and Cellular Longevity. Published 26 April 2018.
- Perinatal exposure to energy drink induces oxidative damage in the liver, kidney and brain, and behavioral alterations in mice offspring. Gadh I Al-Basher, Hanan Aljabal, **Rafa S Almeer**, Ahmed A Allam and Ayman M Mahmoud. (2018). Biomedicine & Pharmacotherapy. Volume 102. Pages 789-811.
- Gene-based molecular analysis of COX1 in Echinococcus granulosus cysts isolated from naturally infected livestock in Riyadh, Saudi Arabia. Dina M Metwally, Latifa E Qassim, Isra M Al-Turaiki, **Rafa S Almeer** and Manal F El-Khadragy. (2018). Plos One.
- Effect of honey in improving breast cancer treatment and gene expression modulation of MMPs and TIMPs in triple-negative breast cancer cells. **Rafa Almeer**, A Alqarni, S Alqattan, S Abdi, S Alarifi, Z Hassan and A Semlali. Pakistan J. Zoo. Vol 50.
- The potential hepatoprotective effect of royal jelly against cadmium chloride-induced hepatotoxicity in mice is mediated by suppression of oxidative stress and upregulation of Nrf2

	<p>expression. Rafa S Almeer, Saud Alarifi, Saad Alkahtani, Shaimaa R Ibrahim, Daoud Ali and Abdel Moneim. (2018). <i>Biomedicine & Pharmacotherapy</i>. Volume 106. Pages 1490-1498.</p> <ul style="list-style-type: none"> • <i>Ziziphus spina-christi</i> leaf extract ameliorates schistosomiasis liver granuloma, fibrosis, and oxidative stress through downregulation of fibrinogenic signaling in mice. Rafa S. Almeer, Manal El-Khadragy, Semlali Abdelhabib, Ahmed Abdel Moneim. (2018). <i>Plos one</i>. • Silver-doped graphene oxide nanocomposite triggers cytotoxicity and apoptosis in human hepatic normal and carcinoma cells. Daoud Ali, Saud Alarifi, Saad Alkahtani, Rafa S. Almeer. (2018). <i>International Journal of Nanomedicine</i>. • Green platinum nanoparticles interaction with HEK293 cells: cellular toxicity, apoptosis and genetic damage. Rafa S. Almeer, Daoud Ali, Saud Alarifi, Saad Alkahtani, and Mansour Almansour. (2018). <i>Dose-Response</i>. Volume 2018. Pages 1-11. • Protective effects of <i>Fragaria ananassa</i> methanolic extract in a rat model of cadmium chloride-induced neurotoxicity. Manal F. Elkhadragy, Rami B. Kassab, Dina Metwally, Rafa Almeer, Rewaida Abdel-Gaber, Ebtesam M. Al-Olayan, Ehab A. Essawy, Hatem K. Amin and Ahmed E. Abdel Moneim. (2018). <i>Bioscience Reports</i>. • Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROSmediated bax/bcl-2-cyt-c release cascading. (2018). Gadaah AlBasher, Abdullah A AlKahtane, Saud Alarifi, Daoud Ali, Mohammed S Alessia, Rafa S Almeer, Mohamed M Abdel-Daim, Nouf K Al-Sultan, Ahmed A Al-Qahtani, Huma Ali and Saad Alkahtani. (2018). <i>OncoTargets and Therapy</i>. • Royal jelly mitigates cadmium-induced neuronal damage in mouse cortex. Rafa S. Almeer, Rami B. Kassab, Gadaah I. AlBasher, Saud Alarifi, Saad Alkahtani, Daoud Ali and Ahmed E. Abdel Moneim . (2018). <i>MOLECULAR BIOLOGY REPORTS</i>. Pages 1-13. • Interleukin-7 receptor gene rs12516866 polymorphism decreases the susceptibility of estrogen receptor negative Saudi women to breast cancer. Mikhlid Almutairi, Rafa Almeer, Abdullah M Alhadeq and Abdelhabib Semlali. (2018). <i>GENETICS AND MOLECULAR RESEARCH</i>. Volume (4) 17. • Antitumor Potential of Berberine and Cinnamic Acid against Solid Ehrlich Carcinoma in Mice. Rafa S. Almeer, Ahmed M. Aref , Romisa A. Hussein , Mohamed S. Othman, and Ahmed E. Abdel Moneim. (2019). <i>Anti-Cancer Agents in Medicinal Chemistry</i>. Volume 19. Pages 1-9. • Effect of the thymine-DNA glycosylase rs4135050 variant on Saudi smoker population. Mikhlid Almutairi, Abdullah Mohammad Alhadeq, Rafa Almeer, Mohammed Almutairi, Mohammed Alzahrani, Abdelhabib Semlali. (2019). <i>Molecular Genetics & Genomic Medicine</i>. Pages 1-12. • Royal Jelly Abrogates Cadmium-Induced Oxidative Challenge in Mouse Testes: Involvement of the Nrf2 Pathway. Rafa S. Almeer, Doaa Soliman, Rami B. Kassab, Gadaah I. AlBasher, Saud Alarifi, Saad Alkahtani, Daoud Ali, Dina Metwally, and Ahmed E. Abdel Moneim. (2019). <i>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</i>. Pages 1-17. • Candelariella vitellina extract triggers in vitro and in vivo cell death through induction of apoptosis: A novel anticancer agent. Islam M.El-Garawani, Waill A.Elkhateeb, Gihan M.Zaghlool, Rafa S. Almeer, Eman F.Ahmed, Mostafa E.Rateb, Ahmed E.Abdel Moneim.(2019). <i>Food and Chemical Toxicology</i>. Volume 127. Pages 110-119. • Nephroprotective role of Beta vulgaris L. root extract against chlorpyrifos-induced renal injury in rats. (2019). Gadaah Albasher, Rafa Almeer, Fatimah Al-Otibi, Humaira Rizwana, Saleh Alfarraj,
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>Rami Kassab, Ahmed Abdel Moneim, Saad Alkhtani. (2019). Evidence-Based Complementary and Alternative Medicine.</p> <ul style="list-style-type: none"> • Ameliorative Effect of Beta 5 vulgaris Root Extract on Chlorpyrifos-Induced Oxidative Stress, Inflammation and Liver Injury in Rats. (2019). Gadah Albasher, Rafa Almeer, Fatimah O. Al-Otibi, Noorah AlKubaisi, Ayman M. Mahmoud. Biomolecules, 9(7), 261 • Long-term treatment with finasteride induced apoptosis and pathological changes in female mice. (2019). Abdullah A. AlKahtane, Gadah Albasher, Nouf K. Al-Sultan, Wedad Saeed Alqahtani, Saud Alarifi, Rafa S. Almeer, Jawahir Alghamdi, Daoud Ali, Mohammed S. Alessia, Abeer Alahmari, Saad Alkahtani. Human and experimental Toxicology. • Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. (2019). Gadah AlBasher, Saleh Alfarraj, Saud Alarifi , Saad Alkhtani , Rafa Almeer, Nouf Alsultan, Mada Alharthi, Nouf Alotibi, Abeer Al-dbass , Ahmed E. Abdel Moneim. Biological Trace Element Research. • Fucoidan alleviates microcystin-LR-induced hepatic, renal, and cardiac oxidative stress and inflammatory injuries in mice .(2019) Abdullah A. AlKahtane , Abdelrahman Ibrahim Abushouk, Eman T. Mohammed , Moonerah ALNasser , Saud Alarifi, Daoud Ali, Mohammed S. Alessia , Rafa S. Almeer, Gadah AlBasher , Saad Alkahtani , Lotfi Aleya , Mohamed M. Abdel-Daim . Environmental Science and Pollution Research. • Protective effects of hesperidin and diosmin against acrylamide-induced liver, kidney, and brain oxidative damage in rats .(2019) .Abdelazim E. Elhelaly , Gadah AlBasher , Saleh Alfarraj , Rafa Almeer , Eshak I. Babbah , Maged M. A. Fouad, Simona G. Bungău , Lotfi Aleya , Mohamed M. Abdel-Daim. Environmental Science and Pollution Research. • Royal jelly attenuates cadmium- induced nephrotoxicity in male mice. (2019). Rafa S. Almeer, Gadah AlBasher, Saud Alari, Saad Alkahtani, Daoud Ali , Ahmed e. Abdel Moneim . Scientific RepoRts. • Ziziphus spina-christi leaf extract attenuates mercury chloride-induced testicular dysfunction in rats. (2019). Rafa S. Almeer, Gadah Albasher , Rami B. Kassab , Shaimaa R. Ibrahim , Fatimah Alotibi , Saud Alarifi , Daoud Ali , Saad Alkahtani , Ahmed E. Abdel Moneim .Environmental Science and Pollution Research. • Impacts of Enriching Growing Rabbit Diets with Chlorella vulgaris Microalgae on Growth, Blood Variables, Carcass Traits, Immunological and Antioxidant Indices. (2019). Sameh A. Abdelnour, Asmaa M. Sheiha, Ayman E. Taha, Ayman A. Swelum, Saud Alarifi, Saad Alkahtani, Daoud Ali, Gadah AlBasher, Rafa Almeer, Fawaz Falodah, Bader Almutairi, Mohamed M. Abdel-Daim, Mohamed E. Abd El-Hack , Ismail E. Ismail. Environmental Science and Pollution Research. • The ameliorative effects of ceftriaxone and vitamin E against cisplatin-induced nephrotoxicity. (2019). Mohamed M. Abdel-Daim , Lotfi Aleya, Badr E. El-Bialy , Abdelrahman Ibrahim Abushouk , Saad Alkahtani , Saud Alarifi , Abdullah A. Alkahtane, Gadah AlBasher , Daoud Ali , Rafa S. Almeer , Nouf K. Al-Sultan , Jawahir Alghamdi , Abeer Alahmari , Simona G. Bungau .Environmental Science and Pollution Research. • Nephroprotective Role of Selenium Nanoparticles Against Glycerol-Induced Acute Kidney Injury in Rats. (2019). Gadah AlBasher , Saleh Alfarraj , Saud Alarifi , Saad Alkhtani , Rafa Almeer , Nouf Alsultan , Mada Alharthi , Nouf Alotibi , Abeer Al-dbass , Ahmed E. Abdel Moneim .Biological Trace Element Research.
--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

- Perinatal Exposure to Tartrazine Triggers Oxidative Stress and Neurobehavioral Alterations in Mice Offspring. (2020). Gadah Albasher, Najla Maashi, Saleh Alfarraj, **Rafa Almeer**, Tarfa Albrahim, Fatimah Alotibi, May Bin-Jumah , Ayman M. Mahmoud .Antioxidants.
- Expression and allele frequencies of Thymic stromal lymphopoietin are a key factor of breast cancer risk. (2019). Abdelhabib Semlali , Mikhlid Almutairi , Narasimha Reddy Parine , Abdullah Al Amri , **Rafa Almeer** , Mohammad S. Alanazi , Mahmoud Rouabchia . Mol Genet Genomic Med. 20
- Anti fungal Potential of Aqueous Extract of *Boswellia carteri*.(2019). Al-Otibi Fatimah, Raedah Ibrahim Alharbi, Gadah Albasher, **Rafa Almeer**, Nura Sulaiman Alsaggabi . J Pure Appl Microbiol, 13(4).
- Anti-Inflammatory and Anti-Hyperuricemic Functions of Two Synthetic Hybrid Drugs with Dual Biological Active Sites. (2019). **Rafa S. Almeer** , Sherif F. Hammad , Ola F. Leheta, Ahmed E. Abdel Moneim , Hatem K. Amin .Int. J. Mol. Sci. 20, 5635.
- Prodigiosins from a marine sponge- associated actinomycete attenuate HCl/ ethanol-induced gastric lesion via antioxidant and anti-inflammatory mechanisms. (2019). Mohamed S. Abdelfattah, Mohammed I. Y. Elmallah, Hassan Y. Ebrahim, **Rafa S. Almeer**, Rasha M. A. Eltanany, Ahmed E. Abdel Moneim. PLOS ONE.
- Long-term treatment with finasteride induces apoptosis and pathological changes in female mice. (2019). AA Alkahtane, G Albasher , NK Al-Sultan, WS Alqahtani, S Alarifi, **RS Almeer**, J Alghamdi, D Ali, A Alahmari , S Alkahtani . Human and Experimental Toxicology.
- Synergistic antioxidant effects of resveratrol and curcumin against fipronil-triggered oxidative damage in male albino rats. (2019). Gadah AlBasher, Mohamed M. Abdel-Daim, **Rafa Almeer** , Khairy A. Ibrahim , Reham Z. Hamza , Simona Bungau , Lotfi Aleya . Environmental Science and Pollution Research.
- *Ziziphus spina-christi* Leaf Extract Suppressed Mercury Chloride-Induced Nephrotoxicity via Nrf2-Antioxidant Pathway Activation and Inhibition of Inflammatory and Apoptotic Signaling. (2019). **Rafa S. Almeer**, Gadah Albasher , Fatimah Alotibi, Saud Alarifi , Daoud Ali , and Saad Alkahtani. Oxidative Medicine and Cellular Longevity.
- Red Beetroot Extract Abrogates Chlorpyrifos-Induced Cortical Damage in Rats. (2020). Gadah Albasher , Asma S. Alsaleh, Nourah Alkubaisi, Saleh Alfarraj, Saad Alkahtani, Manal Farhood, Nouf Alotibi, **Rafa Almeer** .Oxidative Medicine and Cellular Longevity.
- Effect of *Moringa oleifera* Lam. methanolic extract on lead-induced oxidative stress-mediated hepatic damage and inflammation in rats. (2020). Gadah Albasher , Saad Al Kahtani , Mona S. Alwahibi , **Rafa Almeer**. Environmental Science and Pollution Research.
- The Potential Protective Effect of Orange Peel and Selenium against 17 β -Estradiol- Induced Chronic Non-Bacterial Prostatitis in Rats. (2020). **Rafa S. Almeer**, Nada A.E. Muhammad, Mohamed S. Othman, Ahmed M. Aref, Basma Elgamal , Ahmed E. Abdel Moneim .Anti-Cancer Agents in Medicinal Chemistry.
- Alleviation of lead acetate-induced nephrotoxicity by *Moringa oleifera* extract in rats: highlighting the antioxidant, anti-inflammatory, and anti-apoptotic activities. (2020). Mohamed M. Abdel-Daim, Saad Alkahtani , **Rafa Almeer** , Gadah Albasher .Environmental Science and Pollution Research.
- Protective effects of *Artemisia judaica* extract compared to metformin against hepatorenal

	<p>injury in high-fat diet/streptozotocine-induced diabetic rats. (2020). Gadah Albasher , Mona Alwahaibi , Mohamed M. Abdel-Daim, Saad Alkahtani , Rafa Almeer . Environmental Science and Pollution Research.</p> <ul style="list-style-type: none"> • Tocilizumab potentiates cisplatin cytotoxicity and targets cancer stem cells in triple-negative breast cancer. (2020). Noura N. Alraouji , Falah H. Al-Mohanna , Hazem Ghebeh , Maria Arafah , Rafa Almeer , Taher Al-Tweigeri , Abdelilah Aboussekhra. Molecular Carcinogenesis. • Oleuropein protects against lipopolysaccharide-induced sepsis and alleviates inflammatory responses in mice. (2020). Khalaf F. Alsharif , Ahmad H. Mufti , Shimaa S. Ramadan , Rami B. Kassab , Abdulraheem A. Almalki , Osama Al-Amer , Abdulrahman Theyab , Maha S. Lokman, Rafa S. Almeer , Mohamed M. Hafez , Ahmed E. Abdel Moneim. IUBMB Life. 1–12. • Investigation of Cytotoxicity Apoptotic and Inflammatory Responses of Biosynthesized Zinc Oxide Nanoparticles from Ocimum sanctum Linn in Human Skin Keratinocyte (Hacat) and Human Lung Epithelial (A549) Cells. (2020). Bader Almutairi, Gadah Albahser , Rafa Almeer , Nouf M. Alyami, Hanouf Almukhlafi, Khadijah N. Yaseen, Saad Alkahtani , Saud Alarifi. Oxidative Medicine and Cellular Longevity. • Approaches for prevention and environmental management of novel COVID-19. (2020). Mohammad Tabish , Aisha Khatoon , Saad Alkahtani , Abdullah Alkahtane , Jawahir Alghamdi , Syed Anees Ahmed , Snobir S Mir , Gadah Albasher , Rafa Almeer , Nouf K. Al-Sultan , Nada H. Aljarba , Wedad Saeed Al-Qahtani , Mohammed AL-Zharani , Amit Kumar Nayak , Md Saquib Hasnain. Environmental Science and Pollution Research. • The influence of raffinose on the growth performance, oxidative status, and immunity in Nile tilapia (<i>Oreochromis niloticus</i>). (2020). Hany M.R. Abdel-Latif, Ali A. Soliman, Hani Sewilam, Rafa Almeer, Hien Van Doanf, Mahmoud Alagawanyh, Mahmoud A.O. Dawoodi. Aquaculture Reports. • Effect of Prickly Pear Cactus Peel Supplementation on Milk Production, Nutrient Digestibility and Rumen Fermentation of Sheep and the Maternal Effects on Growth and Physiological Performance of Suckling Offspring. (2020). Sabrin A. Morschedy, Aymen E. Abdal Mohsen, Mohamed M. Basyony, Rafa Almeer, Mohamed M. Abdel-Daim and Yassmine M. El-Gindy. Animals. • Bismuth oxide nanoparticles induce oxidative stress and apoptosis in human breast cancer cells. (2020). Ali Alamer, Daoud Ali, Saud Alarifi, Abdullah Alkahtane, Mohammed AL-Zharani, Mohamed M. Abdel-Daim, Gadah Albasher, Rafa Almeer, Nouf K. Al-Sultan, Abdulaziz Almalik, Ali H Alhasan, Christos Stournaras, Saquib Hasnain, Saad Alkahtani. Environmental Science and Pollution Research. • Comparison of the Effectiveness of Two Different Vaccination Regimes for Avian Influenza H9N2 in Broiler Chicken. (2020). Shaimaa Talat, Reham R. Abouelmaatti, Rafa Almeer, Mohamed M. Abdel-Daim and Wael K. Elfeil. Animals. • The Potential Protective Effect of Orange Peel and Selenium against 17β-Estradiol- Induced Chronic Non-Bacterial Prostatitis in Rats. (2020). Rafa S. Almeer, Nada A.E. Muhammad, Mohamed S. Othman, Ahmed M. Aref, Basma Elgamal and Ahmed E. Abdel Moneim. Anti-Cancer Agents in Medicinal Chemistry. • Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Effects of Azolla pinnata Ethanolic Extract against Lead-Induced Hepatotoxicity in Rats. (2020). Ahmed Shaaban Abd Elrasoul, Ahmed
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>Abdelmoniem Mousa, Sahar Hassan Orabi, Mostafa Abd El-Gaber Mohamed, Shaban M. Gad-Allah, Rafa Almeer, Mohamed M. Abdel-Daim, Shaden A. M. Khalifa, Hesham R. El-Seedi and Mabrouk Attia Abd Eldaim. <i>Antioxidants</i>.</p> <ul style="list-style-type: none"> • The Antioxidant, Anti-Apoptotic, and Proliferative Potency of Argan Oil against Betamethasone-Induced Oxidative Renal Damage in Rats. (2020). Sahar Hassan Orabi, Tamer S. Allam , Sherif Mohamed Shawky , Enas Abd El-aziz Tahoun , Hanem K. Khalifa, Rafa Almeer, Mohamed M. Abdel-Daim, Nermene Borai El-Borai, Ahmed Abdelmoniem Mousa. <i>Biology</i>. • Yucca schidigera extract mediated the growth performance, hepato-renal function, antioxidative status and histopathological alterations in Nile tilapia (<i>Oreochromis niloticus</i>) exposed to hypoxia stress. (2020). Zizy I. Elbialy, Merna Rizk, Ibrahim I. Al-Hawary, Abdallah S. Salah, Radi A. Mohammed, Doaa H. Assar, Rafa Almeer, Mahmoud A. O. Dawood . <i>Aquaculture Research</i>. • <i>Ziziphus spina-christi</i> Leaf Extract Mitigates Mercuric Chloride-induced Cortical Damage in Rats. (2020). Rafa S. Almeer, Saad Alkahtani, Saud Alarifi, Ahmed E. Abdel Moneim, Saba Abdi and Gada Albasheer. <i>Environmental Science and Pollution Research</i>. • <i>Moringa oleifera</i> Leaf Extract Attenuates Pb Acetate-induced Testicular Damage in Rats. (2021). Gada Albasheer, Rola Alrajhi, Entesar Alshammry, Rafa Almeer. <i>Combinatorial Chemistry & High Throughput Screening</i>. • Immunological and antioxidant role of curcumin in ameliorating fipronil toxicity in Nile tilapia (<i>Oreochromis niloticus</i>). (2021). Nevien Abdelkhalek, Mohamed El-Adl, Ahmed El-Ashram, Mayar Othman, Hossam Gadallah, Mohamed El-Diasty, Mahmoud A.O. Dawood, Rafa Almeer, Mohamed Abdel Daim. <i>Aquaculture Research</i>. • The protective role of luteolin against the methotrexate-induced hepato-renal toxicity via its antioxidative, anti-inflammatory, and anti-apoptotic effects in rats. (2021). AA Dar, A Fehaid , S Alkhatani, S Alarifi, WS Alqahtani, G Albasheer , R Almeer, S Alfarraj , AE Abdel Moneim. <i>Human and Experimental Toxicology</i>. • The influence of dietary coenzyme Q10 and vitamin C on the growth rate, immunity, oxidative-related genes, and the resistance against <i>Streptococcus agalactiae</i> of Nile tilapia (<i>Oreochromis niloticus</i>). (2021). Mohammed F. El Basuini, Shimaa A. Shahin, Islam I. Teiba, Mohamed A.A. Zaki, Abdelaziz M. El-Hais, Hani Sewilam, Rafa Almeer, Nevien Abdelkhalek, Mahmoud A.O. Dawood. <i>Aquaculture</i>. • <i>Ziziphus spina-christi</i> leaf extract attenuates mercuric chloride-induced liver injury in male rats via inhibition of oxidative damage. (2021). Shimaa S. Ramadan, Rafa S. Almeer, Saad Alkahtani, Saud Alarifi, Gada Albasheer, Ahmed E. Abdel Moneim. <i>Environmental Science and Pollution Research</i>. • Healing potential of <i>Spirulina platensis</i> for skin wounds by modulating bFGF, VEGF, TGF-β1 and α-SMA genes expression targeting angiogenesis and scar tissue formation in the rat model. (2021). Zizy I. Elbialy, Doaa H. Assar, Aml Abdelnaby, Samah Abu Asa, Ehab Y. Abdelhiee, Samar S. Ibrahim, Mohamed M. Abdel-Daim, Rafa Almeer, Ayman Atiba. <i>Biomedicine & Pharmacotherapy</i>. • Improved Pharmacodynamic Potential of Rosuvastatin by Self-Nanoemulsifying Drug Delivery System: An in vitro and in vivo Evaluation. (2021). Ravinder Verma, Ajeet Kaushik, Rafa Almeer, Md Habibur Rahman, Mohamed M Abdel- Daim, Deepak Kaushi. <i>International Journal of</i>
--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Nanomedicine.

- Moringa oleifera ethanolic extract attenuates tilmicosin-induced renal damage in male rats via suppression of oxidative stress, in ammatory injury, and intermediate lament proteins mRNA expression. (2021). Shimaa M. Abou-Zeid, Amany I. Ahmed, Ashraf Awad, Wafaa A. Mohammed, Mohamed M.M. Metwally, **Rafa Almeer**, Mohamed M. Abdel-Daim, Samah R. Khalil. Biomedicine & Pharmacotherapy.
- Lycopene mitigates arsenic-induced nephrotoxicity with activation of the Nrf2 pathway in mice. (2021). Shimaa S. Ramadan, **Rafa Almeer**, Gadah Albasher , Ahmed E. Abdel Moneim. TOXIN REVIEWS.
- Exploring the possible neuroprotective and antioxidant potency of lycopene against acrylamide-induced neurotoxicity in rats' brain. (2021). Sameh M. Farouk, Fatma A. Gad, **Rafa Almeer**, Mohamed M. Abdel-Daim, Mahmoud A. Emam. Biomedicine & Pharmacotherapy.
- Lumpy skin disease in cattle in Sharkia, Egypt: epidemiological and genetic characterization of the virus. (2021). Mahmoud M. Elhaig, **Rafa Almeer**, Mohamed M. Abdel-Daim. Tropical Animal Health and Production.
- The potential effects of Indigofera coerulea extract on THP-1 human cell line. (2021). Muneerah M. Al-Nasser, Mohammed S. Al-Dosari, Mohammad K. Parvez, Mashael R. Al-Anazi, Abdullah A. Alkahtane, Hani Alothaid, Abeer Alahmari, Saud Alarifi, Gadah Albasher, **Rafa Almeer**, Mohamed D. Alqahtani, Norah S. Al-Johani, Norah M. Alhoshani, Nora Alkerashan, Alhanof Alhenaky, Saad Alkahtani, Ahmed A. Al-Qahtani. Journal of King Saud University – Science.
- Pharmacological inhibition of HDAC1/3-interacting proteins induced morphological changes, and hindered the cell proliferation and migration of hepatocellular carcinoma cells. (2021). Nouf Al-yhya, Muhammad Farooq Khan, **Rafa Sharaf Almeer**, Mana M Alshehri, Mohammed S. Aldughaim, Mohammad Ahmed Wadaan. Environmental Science and Pollution Research.
- Effects of Green cardamom (*Elettaria cardamomum* Maton) and its combination with cyclophosphamide on Ehrlich solid tumors. (2021). **Rafa S. Almeer**, Meshael Alnasser, Nada Aljarba and Gadah I. AlBasher. BMC Complementary Medicine and Therapies.
- Role of Oxidative Stress in La₂O₃ Nanoparticle-Induced Cytotoxicity and Apoptosis in CHANG and HuH-7 Cells. (2021). Hanouf Almukhlafi, Daoud Ali, Bader Almutairi, Khadijah N Yaseen, Nouf Alyami, **Rafa Almeer**, Saad Alkahtani, Saud Alarifi. International Journal of Nanomedicine.
- Vitamin C rescues inflammation, immunosuppression, and histopathological alterations induced by chlorpyrifos in Nile tilapia. (2021). Safaa E. Abdo, Mahmoud S. Gewaily, Haitham G. Abo-Al-Ela, **Rafa Almeer**, Ali A. Soliman, Azza H. Elkomy, Mahmoud A.O. Dawood. Environmental Science and Pollution Research.
- Zingerone mitigates inflammation, apoptosis and oxidative injuries associated with renal impairment in adriamycin-intoxicated mice. (2021). Gehad E. Elshopakey, **Rafa Almeer**, Saleh Alfaraj, Gadah Albasher, Mohamed Essameldin Abdelgawad, Ahmed E. Abdel Moneim, Ehab A. Essawy. Toxin Reviews.
- A new antidiabetic foot bacteria formula from marine chitosan nanosilver-metal complex. (2021). Hasnaa E-B. Ghonam, Morsy A. Abu Yousef, Yousry M. Gohar, **Rafa Almeer** & Khouloud M. Barakat. Environmental Science and Pollution Research.

- Demethyleneberberine: A possible treatment for Huntington's disease. (2021). Saurabh Gupta, Arzoo Khan, Sukriti Vishwas, Monica Gulati, Thakur Gurjeet Singh, Kamal Dua, Sachin Kumar Singh, Agnieszka Najda, Amany A. Sayed, **Rafa Almeer**, Mohamed M. Abdel-Daim. Medical Hypotheses.
- Profiling the physiological pitfalls of anti-hepatitis C direct-acting agents in budding yeast. (2021). Galal Yahya, Nashwa Hashem Mohamed, Jordi Pijuan, Noura M. Seleem, Rasha Mosbah, Steffen Hess, Ahmed A. Abdelmoaty, **Rafa Almeer**, Mohamed M. Abdel-Daim, Hamoud Shulaywih Alshaman, Ibrahim Juraiby, Kamel Metwally and Zuzana Storchova. Microbial biotechnology.
- In silico screening of potent inhibitors against COVID-19 key targets from a library of FDA-approved drugs. (2021). Mohammad A. Elmorsy, Ahmed M. El-Baz, Nashwa H. Mohamed, **Rafa Almeer**, Mohamed M. Abdel-Daim and Galal Yahya. Environmental Science and Pollution Research.
- Anticonvulsive Effects of Chondroitin Sulfate on Pilocarpine- and Pentylenetetrazole-Induced Epileptogenesis in Mice. (2021). Shareen Singh, Thakur Gurjeet Singh, Manjinder Singh, Agnieszka Najda, Renata Nurzyńska-Wierdak, **Rafa Almeer**, Mohamed Kamel and Mohamed M. Abdel-Daim. Molecules.
- GC-MS Analysis and Biomedical Therapy of Oil from n-Hexane Fraction of *Scutellaria edelbergii* Rech. f.: In Vitro, In Vivo, and In Silico Approach. (2021). Muddaser Shah, Waheed Murad, Najeeb Ur Rehman, Sidra Mubin, Jamal Nasser Al-Sabahi, Manzoor Ahmad, Muhammad Zahoor, Obaid Ullah, Muhammad Waqas, Saeed Ullah, Zul Kamal, **Rafa Almeer**, Simona G. Bungau and Ahmed Al-Harrasi. Molecules.
- Synthesis, Anticancer Assessment, and Molecular Docking of Novel Chalcone-Thienopyrimidine Derivatives in HepG2 and MCF-7 Cell Lines. (2021). Ghada M. Safwat, Kamel M. A. Hassanin, Eman T. Mohammed, Essam Kh. Ahmed, Mahmoud R. Abdel Rheim, Mohamed A. Ameen, Mohamed Abdel-Aziz, Ahmed M. Gouda, Ilaria Peluso, **Rafa Almeer**, Mohamed M. Abdel-Daim, and Ahmed Abdel-Wahab. Oxidative Medicine and Cellular Longevity.
- Melatonin pre-treated bone marrow derived-mesenchymal stem cells prompt wound healing in rat models. (2022). Aljohra M. Al-Otaibi, Asma S. Al-Gebaly, **Rafa Almeer**, Gada Albasher, Wedad S. Al-Qahtani, Ahmed E. Abdel Moneim. Biomedicine & Pharmacotherapy.
- Potential of green-synthesized selenium nanoparticles using apigenin in human breast cancer MCF-7 cells. (2022). Aljohra M. Al-Otaibi, Asma S. Al-Gebaly, **Rafa Almeer**, Gada Albasher, Wedad S. Al-Qahtani and Ahmed E. Abdel Moneim. Environmental Science and Pollution Research.
- Evaluation of the Varietal Impact of Two Citrus Species on Fluctuations of *Tetranychus urticae* (Acari: Tetranychidae) and Beneficial Phytoseiid Mites. (2022). Amine Assouguem, Abdellah Farah, Riaz Ullah, Yesim Bulak Korkmaz, **Rafa Almeer**, Amany A. Sayed, Agnieszka Najda and Abderrahim Lazraq. sustainability.
- Chemical Composition and Antimicrobial Activity of Essential Oil of Fruits from *Vitex agnus-castus* L., Growing in Two Regions in Bulgaria. (2022). Iliya Zhelev, Zhana Petkova, Iliana Kostova, Stanka Damyanova, Albena Stoyanova, Ivanka Dimitrova-Dyulgerova, Ginka Antova, Sezai Ercisli, Amine Assouguem, Mohammed Kara, **Rafa Almeer** and Amany A. Sayed. Plants.
- Cultivar Differences on Nutraceuticals of Grape Juices and Seeds. (2022). Mehmet Settar Unal, Muhammet Ali Gundesli, Sezai Ercisli, Muhammed Kupe, Amine Assouguem, Riaz Ullah, **Rafa Almeer** and Agnieszka Najda. horticulturae.
- Morphological and Biochemical Properties in Fruits of Naturally Grown Cornelian Cherry (*Cornus mas* L.) Genotypes in Northwest Bosnia and Herzegovina. (2022). Azra Skender, Semina Hadžiabulic, Sezai Ercisli, Jasna Hasanbegović, Samira Dedić, **Rafa Almeer**, Amany A. Sayed, Riaz Ullah and Amine Assouguem. Sustainability.
- Evaluation of Combining Ability and Heterosis of Popular Restorer and Male Sterile Lines for the Development of Superior Rice Hybrids. (2022). Abul Kalam Azad, Umakanta Sarker, Sezai Ercisli, Amine Assouguem, Riaz Ullah, **Rafa Almeer**, Amany A. Sayed and Ilaria Peluso. Agronomy.

- Bioaccumulation of lead in different organs of *Ctenopharyngodon Idella* (grass fish) and *Tor putitora* (Mahseer) fish . (2022). M. Latif, M. Zahoor, A. Muhammad, S. Naz, A. W. Kamran, R. Ullah, A. B. Shah, **R. Almeer** and A. Sayed. Brazilian Journal of Biology.
- Biochemical Characterization of Six Traditional Olive Cultivars: A Comparative Study. (2022). Songul Comlekcioglu, Farah Elgudayem, Gozde Nogay, Nesibe Ebru Kafkas, Rayda Ben Ayed, Sezai Ercisli, Amine Assouguem, **Rafa Almeer** and Agnieszka Najda. horticulturae.
- Antioxidant Activity, Phenolic Composition, and Hormone Content of Wild Edible Vegetables. (2022). Halil Ibrahim Ozturk, Hazel Nas, Melek Ekinci, Metin Turan, Sezai Ercisli , Haluk Kemal Narmanlioglu, Ertan Yildirim, Amine Assouguem, **Rafa Almeer**, Amany A. Sayed and Ilaria Peluso. horticulturae.
- Field Study and Chemical Analysis of Plant Waste in the Fez-Meknes Region, Morocco. (2022). Ahmed Bendaoud, Amal Lahkimi, Mohammed Kara, Tarik Moubchir, Amine Assouguem, Abdelkhalek Belkhiri, Aimad Allali, Anouar Hmamou, **Rafa Almeer**, Amany A. Sayed, Ilaria Peluso and Noureddine Eloutassi. Sustainability.
- Application of Green Technologies in Design-Based Extraction of *Celastrus paniculatus* (Jyotishmati) Seeds, SEM, GC-MS Analysis, and Evaluation for Memory Enhancing Potential. (2022). Ashwani Arya, Deepak Kaushik, **Rafa Almeer**, Simona G. Bungau, Amany A. Sayed, Mohamed M. Abdel-Daim, Saurabh Bhatia and Vineet Mittal. Frontiers in Nutrition.
- Dose-Dependent Variation in Anticancer Activity of Hexane and Chloroform Extracts of Field Horsetail Plant on Human Hepatocarcinoma Cells. (2022). Hadeel A. Almasoud, Daoud Ali, Khadijah N. Yaseen, Hanouf Almukhlafi, Norah S. Alothman, Bader Almutairi, **Rafa Almeer**, Nouf Alyami, Saad Alkahtani, and Saud Alarifi. BioMed Research International.
- Spatial and Temporal Variations of the Water Quality of the Tiflet River, Province of Khemisset, Morocco. (2022). Zahra Elassassi, Ihsane Ougrad, Imane Bedoui, Mohammed Kara, Mohamed El Bouch, Amine Assouguem, Mohamed Fadli, **Rafa Almeer**, Hanan R. H. Mohamed, Ilaria Peluso and Abdelaziz Chaouch. Water.
- Proanthocyanidins alleviate pentylenetetrazole-induced epileptic seizures in mice via the antioxidant activity. (2022). Nouf M. Alyami, Saba Abdi, Hanadi M. Alyami and **Rafa Almeer**. Neurochemical Research.
- Ameliorative effect of Spirulina and Saccharomyces cerevisiae against fipronil toxicity in *Oreochromis niloticus*. (2022). Sabreen E. Fadl, Zizy I. Elbialy, Walied Abdo, Adel Hassan Saad, Mohamed Aboubakr, Ahmed Abdeen, Mohamed Morsi Elkamshishi, Abdallah S. Salah, Amany El-Mleeh, **Rafa Almeer**, Lotfi Aleya, Mohamed M. Abdel-Daim, Agnieszka Najda, Ehab Yahya Abdelhiee. Ecotoxicology and Environmental Safety.
- Plant-Derived Smoke Solution Alleviates Cellular Oxidative Stress Caused by Arsenic and Mercury by Modulating the Cellular Antioxidative Defense System in Wheat. (2022). Muhammad Ibrahim, Sadam Nawaz, Khalid Iqbal, Shafiq Rehman, Riaz Ullah, Ghazala Nawaz , **Rafa Almeer** , Amany A. Sayed, and Ilaria Peluso . Plants.
- Evaluation of Cyto - and Genotoxic Influence of Lanthanum Dioxide Nanoparticles on Human Liver Cells. (2022). Saba M. Alsubaie, Daoud Ali, Bader O. Almutairi, **Rafa Almeer**, and Saud Alarifi. Dose-Response: An International Journal.
- Protective effects of *Asparagus officinalis* (asparagus) against lead toxicity in mice. (2022). Nouf M. Alyami, **Rafa Almeer**, Hanadi M. Alyami. Environmental Science and Pollution Research.
- Using green biosynthesized kaempferol-coated sliver nanoparticles to inhibit cancer cells growth: an in vitro study using hepatocellular carcinoma (HepG2). (2022). Nouf M. Alyami, Hanadi M. Alyami, and **Rafa Almeer**. Cancer Nanotechnology.

- Role of green synthesized platinum nanoparticles in cytotoxicity, oxidative stress, and apoptosis of human colon cancer cells (HCT-116). (2022). Nouf M Alyami , **Rafa Almeer**, Hanadi M Alyami. Heliyon.
- A combined neural network mechanism for categorizing the normal and cancer cells. (2023). Antony Vigil, M, Agarwal Amit, Brahma Rao, K., Meena Devi, G., Farooq Mohd Umar, Ganeshan, P., Alyami, Nouf M., **Almeer, Rafa**, Raghavan, S. Journal of Intelligent & Fuzzy System.
- The protective effect of apigenin against inorganic arsenic salt-induced toxicity in PC12 cells. (2023). **Rafa Almeer**, Nouf M. Alyami .Environmental Science and Pollution Research.



REFRENCES: Available Upon Request

List of Attended Courses, Conference, workshops and other Events

	Event Title	Conducted By	Date
1	International Symposium on Technology Transfer, Innovation Management and Patent Workshop	University Agency for Knowledge Exchange & Technology Transfer	11/24/2008
2	Member of Arranging Committee of International Conference on Nanotechnology	King Abdullah Institute for Nanotechnology	2008
3	Member of Arranging Committee of The Barbecue Festival in Faculty of Science	KSU- College of Sciences	24/12/2008
4	Education Reform in Arab States: Kingdom of Saudi Arabia	University Agency for Knowledge Exchange & Technology Transfer	12/10/2009
5	1 st International Conference in Biotechnology	King Fahd Cultural Centre	16-18/2/2009
6	Methods of Dealing with Fire Incidents	KSU- Department of Plants & Microbiology	13/1/2009
7	Recent Sterile Preparations Symposium	Chair of Dr. Waleed AlKayali for Pharmaceutical Industries Research	28/1/2009
8	Skills of Evaluating Student Performance	KSU- Deanship of Skills Development	8-10/11/2009
9	Researches Priorities in Science and Mathematics Education Workshop	Centre of Research Excellence	19/1/2009
10	North America, Europe, and Middle East Crises Seminar	KSU	25/1/2009
11	Developing of Academic Programs and Preparing them for Academic Accreditation	KSU- Quality Control	31/1/2009
12	Swine flu Conference	KSU- Department of Science & Medical Studies	26/9/2009
13	Present and Future Genetic Diseases in Saudi Society	KSU- Department of Zoology	2/2/2009
14	Member of Arranging Committee of Alternative Medicine ... Tributary without Competitor Symposium	KSU- Research Centre	4/1/2009
15	Developing of Academic Programs and Preparing them for Academic Accreditation	KSU- Quality Control	1/2/2009
16	Teaching with Active Learning	KSU- Deanship of Skills Development	24-25/9/2010
17	Assessing Students Learning	KSU- Deanship of Skills Development	26-27/9/2010
18	Measurement of Gene Expression using Quantitative Chain Polymerization	Prince Mte'eb Bin Abdullah Chair for Research of Vital Indicators of Bone Fracture	27/9/2010

19	Work on Developing Curricula and Means of Educating and Learning	KSU- Department of Science & Medical Studies	1/10/2010
20	Meeting Management Skills	KSU- Deanship of Skills Development	8-9/3/2010
21	Participated in Introductory Seminar for Postgraduate Students	KSU- Department of Science & Medical Studies	2/10/2010
22	Attend an Introductory Lecture on Analytical Devices	KSU- Central Laboratory	3/10/2010
23	World Intellectual Property Seminar	King Abdulaziz and His men Foundation for Talent & Creativity	25/4/2011
24	Fourth Research Day Seminar	KSU- Research Centre	6-7/5/2012
25	Participated in Judgment Committee for Arbitration in National Olympiad for Scientific Creativity (Innovation) Path of Innovation	King Abdulaziz and His men Foundation for Talent & Creativity	14/2/2013
26	Participated in Judgment Committee for Arbitration Committee in Final Liquidation of National Olympiad for Creativity (Creativity 2013), (Creativity 2014), and (Creativity 2015).	King Abdulaziz and His men Foundation for Talent & Creativity	13-15/6/2013
27	How to Write Academic Recommendations	KSU- Deanship of Skills Development	3/12/2014
28	Educational Material Designing & Constructing Course	KSU- Deanship of Skills Development	30/11/2014
29	Miniature & Educational Course	KSU- Deanship of Skills Development	1/12/2014
30	Virtual Classes Course	KSU- Deanship of Skills Development	2/5/2015
31	Screen and Podcasting in Education	KSU- Deanship of Skills Development	5/5/2015
32	Use Google Tools in Education Course	KSU- Deanship of Skills Development	11/5/2015
33	Design and Construction of Educational Course	KSU- Deanship of Skills Development	15-16/11/2015
34	Mind Maps: Applications in University Teaching Course	KSU- Deanship of Skills Development	15-16/9/2015
35	Effective University Teaching Skills Course	KSU- Deanship of Skills Development	30/11-2/12/2015
36	Understanding The Constituents & Determinants of Patents Course	KSU- Deanship of Skills Development	4/15/2015
37	Social Responsibility Course	KSU- Deanship of Skills Development	9/8/2015
38	The Theory of Multiple Intelligence in University Education	KSU- Deanship of Skills Development	10/14/2015
39	Learning Using Brainstorming Strategy	KSU- Deanship of Skills Development	11/9/2015
40	Mini Teaching Course	KSU- Deanship of Skills Development	12/7/2015
41	Evaluation of Learning Outcomes Course	KSU- Deanship of Skills Development	13-14/12/2015
42	Measurement Test as a Supervisor	The National Centre for Assessment in Higher Education	2015
43	Mechanisms of Discovering Talented and Creative and Their Teaching	KSU- Deanship of Skills Development	20/12/2016
44	New Faculty Program (Internationally Certified)	KSU- Deanship of Skills Development	2015-2016

45	Interpersonal Skills with Deaf & Hard of Hearing	KSU- Deanship of Skills Development	21/11/2016
46	Personal Experience of Changing Lifestyle	King Salman Social Centre	26/12/2016
47	Applications and Technical Operations For CEM Microwave Digestion Products	CEM - Germany	26-28/4/2016
48	Books: Writing and Publishing	KSU- Deanship of Skills Development	4-5/12/2016
49	New Faculty Orientation & Preparation Program (Internationally Certified)	Staff & Educational Development Association	11/2016
50	Trans disciplinary Research	KSU- Deanship of Skills Development	2/3/2016
51	Active Learning for Improving of The Quality of Educational Output	KSU- Deanship of Skills Development	5/4/2016
52	Genomics and Precision Medicine	UK Science and Innovation Network - British Embassy KSA	22-23/3/2017
53	Your Health Concern us	Girls High School (88), Riyadh	17/10/2017
54	Course Specification and Field Experiences	NCAAA	25-26/2/2018
55	Your Health Concern us	Girls High School (48), Riyadh	12/3/2018
56	Personal Experience of Changing Lifestyle	Princess Nourah bint Abdulrahman University	7/4/2018
57	Healthy Food	King Salman Social Center	23/4/2018
58	Laboratory inventory	Princess Nourah bint Abdulrahman University	14/4/2018
59	Move safely to women's driving	IMAM ABDULRAHMAN BIN FAISAL UNIVERSITY	17/4/2018
60	Scientific Research Forum	KSU- College of Sciences	16-17/4/2018
61	Skills of Academic Advising	KSU- Deanship of Skills Development	30/8/2018
62	Improving student motivation	KSU- Deanship of Skills Development	6/9/2018
63	Poster day	Biochemistry department - KSU	2018
64	Applied Microbiology Program (work shop)	KSU- College of Sciences	4/2/2019
65	Radiation prevention and nuclear technologies program (work shop)	KSU- College of Sciences	6/2/2019
66	Natural Product Program (work shop)	KSU- College of Sciences	10/2/2019
67	Earth informatics Program (work shop)	KSU- College of Sciences	12/2/2019
68	Bachelor Program in Molecular Biology (work shop)	KSU- College of Sciences	6/3/2019

69	Academic advising day	KSU- Zoology Department	2019
70	Poster Week	KSU- College of Science	2019
71	National Day	KSU	2019
72	اليوم العالمي للتربية	KSU- College of Science	2019
73	مخرجات مبتعثة (لما مع الوراثة اللاجينية في أمريكا)	KSU- Zoology Department	2019
74	طلعة شتوية	KSU- Zoology Department	2019
75	برنامج الشراكة الدولية مع البروفيسور الصيني / وانج زوا	KSU- Zoology Department	2019
76	ندوة حكاية عالمية	KSU- Zoology Department	2019
77	webinar	KSU	2019
78	توزيع شهادات الاعتماد الأكاديمي ASIIN	KSU- College of Science	2019
79	Safety of cosmetic procedures in dentistry	KSU- College of Pharmacology	12/3/2019
80	فعالية دور اللقاحات في مكافحة العدوى	KSU - كرسي أبحاث لقاحات الأمراض المعدية	23/10/2019
81	أساسيات نظام إدارة التعلم الإلكتروني	KSU- Deanship of Skills Development	15/3/2020
82	توظيف التعليم عن بعد في العملية التعليمية	KSU- Deanship of Skills Development	7/4/2020
83	تقييم أداء الطلاب و التعلم عبر الإنترنط	KSU- Deanship of Skills Development	10/4/2020
84	الكتابة العلمية و النشر العلمي	KSU- Research Centre	16/4/2020
85	Assessing student performance in online learning	KSU- Deanship of Skills Development	18/4/2020
86	Attendee link to COVID 19 work shops	Education Ministry	19/4/2020
87	EBSCO Medline complete & dynamed & CABI global health	KSU- Deanship of Library Affairs	4/5/2020
88	EBSCO CINAHEL	KSU- Deanship of Library Affairs	6/5/2020
89	مقدمة في قواعد بروتوكول المختلفة	KSU- Deanship of Library Affairs	12/5/2020
90	تخطيط وجبيتي الصحية	KSU- Deanship of Library Affairs	14/7/2020
91	أساسيات الأمن السيبراني	KSU- Deanship of Skills Development	15/9/2020

92	التعليم عن بعد باستخدام Microsoft Teams	KSU- Deanship of Skills Development	16/9/2020
93	Create Smart Folder	KSU- Zoology Department	21/9/2020
94	توظيف نظام إدارة التعلم في التعليم عن بعد	KSU- Deanship of Skills Development	21/9/2020
95	تحديات جديدة في التربية (شهرة الأطفال)	KSU- Deanship of Library Affairs	29/3/1442
96	تقنية الإثراء العاطفي في الطفولة	KSU- Deanship of Library Affairs	10/3/1442
97	الكتبو و الصيام المقطوع	KSU- Deanship of Library Affairs	22/3/1442
98	استراتيجيات قليلة الجهد و عالية التأثير لجعل طلابك أكثر تفاعلاً	KSU- Deanship of Skills Development	10/11/2020
99	السرقة الفكرية	KSU- Deanship of Library Affairs	11/4/1442
100	البحث الإجرائي في التربية الخاصة	KSU- Deanship of Library Affairs	16/4/1442
101	Academic writing course	KSU- Central laboratory	18-19/11/2020
102	الملنقي الافتراضي بمناسبة اليوم العالمي للأشخاص ذوي الإعاقة تحت شعار "يوم للجميع"	KSU- Deanship of Skills Development	3/12/2020
103	تقنيات الكشف عن الانتهاك العلمي Plagiarism	KSU- Deanship of Skills Development	7/12/2020
104	قياس مخرجات التعلم للبرامج و المقررات	KSU- Deanship of Skills Development	19-20/1/2021
105	الظهور الإعلامي الجيد في اللقاءات التلفزيونية	KSU- Deanship of Skills Development	3/2/2021
106	تفعيل دور الطالب في العملية التعليمية: التعلم المقلوب أ نموذجاً	KSU- Deanship of Skills Development	9/2/2021
107	الأخطاء الشائعة في كتابة مقدمة و مشكلة الدراسة في البحث التربوي	KSU- Deanship of Library Affairs	4/7/1442
108	كيف تستعدين لمناقشة رسالتك العلمية عن بعد	KSU- Deanship of Library Affairs	11/7/1442
109	تصميم العروض التفاعلية باستخدام برنامج مايكروسوفت سوإي	KSU- Deanship of Skills Development	25/2/2021
110	Biotechnology from science fiction to reality	KSU- Deanship of Skills Development	1/3/2021
111	Gene cloning expression and purification of recombinant	KSU- Deanship of Skills Development	2/3/2021
112	Teaching professionalism	KSU- Deanship of Skills Development	4/3/2021
113	خدمات طلاب الجامعة ذوي صعوبات التعلم ضمن برنامج الوصول الشامل	KSU- Deanship of Skills Development	8/3/2021
114	حلقة نقاش (كيف تحفز طلابك على المشاركة و النقاش: وسائل عملية)	KSU- Deanship of Skills Development	9/3/2021

115	المكملاًت الغذائية و دورها في مسيرة حياة المرأة	KSU- Deanship of Library Affairs	24/7/1442
116	النشر العلمي في الدوريات العالمية ISI	KSU- Deanship of Skills Development	15/3/2021
117	متابعة أعمال الطلبة التشاركية إلكترونياً	KSU- Deanship of Skills Development	16/3/2021
118	خطط الإلقاء و الطوارئ للأشخاص ذوي الإعاقة	KSU- Deanship of Skills Development	16/3/2021
119	توظيف مبادئ سهولة الوصول لصفحات و خدمات الويب وأثرها في التواصل بذوي الاحتياجات الخاصة	KSU- Deanship of Skills Development	22/3/2021
120	المفاهيم العامة لتحقيق الوصول الشامل ضمن برنامج الوصول الشامل	KSU- Deanship of Skills Development	23/3/2021
121	توصيف و تقرير المقرر الدراسي	KSU- Deanship of Skills Development	24-25/3/2021
122	الوصول الشامل في كود البناء السعودي ضمن برنامج الوصول الشامل	KSU- Deanship of Skills Development	29/3/2021
123	معايير الاعتماد البرامجي المطور ٢٠١٨	KSU- Deanship of Skills Development	30/3/2021
124	مهارات الإشراف على الرسائل العلمية	KSU- Deanship of Skills Development	4/4/2021
125	كيفية استخدام التقارير في نظام إدارة التعلم	KSU- Deanship of Skills Development	6/4/2021
126	ارتفاع الحرارة عند الأطفال	KSU- Deanship of Library Affairs	16/8/1442
127	تسلق القمة بحبل متين (التعامل بذكاء مع ضغوطات فترة الامتحانات)	KSU- Deanship of Library Affairs	30/8/1442
128	مفهوم تطوع احترافي Pro Bono	KSU- Deanship of Skills Development	2/6/2021
129	لماذا نتطوع (ورشة تفاعلية باستخدام أسلوب FIRST)	KSU- Deanship of Skills Development	8/6/2021
130	صناعة المشاريع المجتمعية	KSU- Deanship of Skills Development	15/6/2021
131	أفكار عملية لتحفيز العمل التطوعي بالجامعة	KSU- Deanship of Skills Development	22/6/2021
132	تقرير المقرر الدراسي	KSU- Deanship of Skills Development	5/7/2021
133	قراءة قانونية: برنامج التحول الوطني	KSU- Deanship of Skills Development	12/7/2021
134	أساسيات الأمن السيبراني	KSU- Deanship of Skills Development	13/9/2021
135	قراءة قانونية: برنامج التحول الوطني	KSU- Deanship of Skills Development	15/9/2021
136	أساسيات عمل اللجان	KSU- Deanship of Skills Development	21/9/2021
137	أنماط الشخصيات المختلفة لدى الطلاب وأساليب التعامل معها	KSU- Deanship of Skills Development	28/9/2021

138	مهارات الذكاء العاطفي	KSU- Deanship of Skills Development	6/10/2021
139	بناء و إدارة فرق العمل	KSU- Deanship of Skills Development	20/10/2021
140	استراتيجية البحوث النوعية	KSU- Deanship of Skills Development	26/10/2021
141	تصميم العروض التفاعلية باستخدام برنامج مايكروسوفت سواي	KSU- Deanship of Skills Development	31/10/2021
142	تصميم الأنشطة الإلكترونية التفاعلية	KSU- Deanship of Skills Development	8/11/2021
143	تطوير أسلمة الاختبارات	KSU- Deanship of Skills Development	10/11/2021
144	استخدام أدوات جوجل في التعليم	KSU- Deanship of Skills Development	17/11/2021
145	الحوسبة السحابية و تطبيقاتها في التعليم	KSU- Deanship of Skills Development	29/11/2021
146	الضغط الأكاديمية المشتركة بين طلبة الدراسات العليا و استراتيجيات التعامل معها	KSU- Deanship of Library Affairs	27/6/1442
147	مفاتيح قدرات الجامعيين	KSU- Deanship of Library Affairs	13/4/1443
148	مستويات التطوع	KSU- Deanship of Skills Development	7/12/2021
149	صناعة المشاريع النطوعية المجتمعية	KSU- Deanship of Skills Development	8/12/2021
150	Postgraduate course specifications and report	KSU- Deanship of Skills Development	12-13/12/2021
151	كيف ترجم كتابا	KSU- Deanship of Skills Development	15/12/2021
152	التقويم المعتمد على الأداء	KSU- Deanship of Skills Development	20/12/2021
153	إدارة ضغوط العمل	KSU- Deanship of Skills Development	22/12/2021
154	التعلم الممتع بممارسة التدريب	KSU- Deanship of Skills Development	1/2/2022
155	Why is genomics so important	KSU- Deanship of Skills Development	3/3/2022
156	أساسيات لغة الإشارة	KSU- Deanship of Skills Development	8/3/2022
157	توصيف و تقرير البرنامج الأكاديمي	KSU- Deanship of Skills Development	23-24/3/2022
158	التعليم المتنقل Mobile learning	KSU- Deanship of Skills Development	30/3/2022
159	استخدام أدوات جوجل في التعليم	KSU- Deanship of Skills Development	17/5/2022
160	تصميم العروض التفاعلية باستخدام برنامج Focusky	KSU- Deanship of Skills Development	18/1/2023

161	الاختبارات الإلكترونية و بحوث الأسئلة	KSU- Deanship of Skills Development	25/1/2023
162	تأليف و نشر الكتب	KSU- Deanship of Skills Development	30/1/2023
163	Everything you always wanted to Know about statistics	KSU – Prince Naif Bin AbdulAziz Health Research Center	7/2/2023
164	تطوير أسئلة الاختبارات	KSU- Deanship of Skills Development	8/5/2023
165	استراتيجيات التعليم و التعلم	KSU- Deanship of Skills Development	15/5/2023
166	ممارسات ذكية في التدريس الجامعي ٢	وكالة كلية العلوم الإنسانية و الاجتماعية للتطوير و الجودة	21/10/1444
167	التدريس الجامعي الفعال	KSU- Deanship of Skills Development	21/8/2023
168	استخدام التقنيات في جامعة الملك سعود في التدريس	KSU- Deanship of Skills Development	22/8/2023
169	القاء التعريفي للطلاب للعام الجامعي ١٤٤٥	Zoology Department - KSU	4/9/2023
170	اليوم الوطني ٢٠٢٣	KSU	25-26/9/2023
171	تقييم الطلاب بواسطة نظام Rubrics	KSU- Deanship of Skills Development	2/10/2023
172	التميز في تنفيذ الخطط والبرامج الإرشادية بالكليات	مركز الارشاد و التوجيه بالجامعة KSU	4/10/2023