

Prof. Dr. Rafa Sharaf Nasser Almeer

Professor in College of Sciences at KSU



PERSONAL DETAILS

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ABOUT ME

- A highly accomplished, distinguished, and capable Saudi scholar and educator with over 15 years of experience in academia and academic research.
- Consistently demonstrates a mastery of the skills and methods of research resulting in original research that extends the frontier of knowledge and work, some of which merits national or international refereed publication.
- Active contributor to Social programs and Community.



SKILLS

Possess excellent interpersonal, team spirit and diverse background with expertise in functional areas beyond teaching/instructing such as organizational effectiveness, development of management including curriculum, workforce training, inspirational leadership, performance management, Project coordination, technical writing and overall organizational development.



AWARDS

- Publication Award 2016 from King Faisal Specialist Hospital & Research Centre.
- Scientific Award 2018 from King Saud University.



RESEARCH GROUP

- RAAD Program 2017 from KSU.
- PI in RG (research group) and Co in two.
- Member of RSP program.



PUBLICATION (until 10-2023) = 112



ADMINISTRATIVE POSITION:

- Head of Unit of Research and scientific Publications from 2018 - 2019



EXPERIENCE

Professor, College of Sciences, KSU, Riyadh, Saudi Arabia
March 2023 – Present

Associate Professor, College of Sciences, KSU, Riyadh, Saudi Arabia
February 2019 – February 2023

Assistant Professor, College of Sciences, KSU, Riyadh, Saudi Arabia
January 2015 - January 2019

- Faculty member and a lecturer for several B.S, MSCs and Phd degree students.
- Supervised Phd and master students during the preparation of the thesis and supervised their associated laboratory work.
- Attended and examined many Phd and master students during their defense presentations for their master thesis.
- Active head or member in multiple academic committees such as:
 - Lecturers Load Distributing and Classes Scheduling Committee.
 - Review and Auditing Committee.
 - Students' Academic Advisory Committee.
 - College/University Laboratory and Tools Arrangement Committee.
 - Postgraduate Committee.
 - College/University Public Relations and Social Services Committee.
 - College/University Research Proposals Committee.
 - Academic Accreditation Committee
 - Scholarship committee.
 - Exams coordination committee.
 - Graduation and qualification career Committee.
 - Member of two research groups.
 - Member of research proposals committee
 - Demonstrators hiring committee.
 - Member of Phd comprehensive exam committee.
 - College/University electronic teaching Committee.

Demonstrator (2007 -2009) then lecturer (2009-2014) in College of Sciences, KSU, Riyadh, Saudi Arabia

- Lecturer and Faculty Member.
- Lecturer for several undergraduate and postgraduate studies.
- Managing the practical side of various B.S. Degree courses. Handled demonstrating the required laboratory experiments and related tests.



COURSES

B.S. Zoo (101 -103- 106 – 109- 145 – 262 – 332- 342 – 352).

MSCs Zoo (542- 543 – 551 – 552 – 553 – 556 – 558 – 596 – 597 – 598 – 559- 600).

PhD Zoo (651 – 691 – 699 - 700).

SUPERVISION (until 10-2023)

Master by thesis = 9

Master by courses = 8

Phd = 5

EXAMINER (until 10-2023)

Master by thesis = 21

Master by courses = 5

Phd = 3

 <p>EDUCATION</p> <p>PhD Degree of Sciences in Zoology, KSU 2009-2014 GPA 4.97/5.0</p> <p>MS Degree of Sciences in Zoology, KSU 2003-2007 GPA 4.55/5.0</p> <p>Bachelor Degree of Sciences Girls College of Sciences 1997-2000 GPA 4.6/5.0</p>	<p>OBJECTIVES</p> <ul style="list-style-type: none"> • To lead and participate in research programs that yield effective and profitable solutions to enhance existing strategies, practices, workflows and solutions. • To identify opportunities to augment and improve the existing research practices and technologies to achieve the highest performance and value. • To inspire and motivate young professionals to identify opportunities to grow in both career and personal life.
 <p>LANGUAGES</p> <ul style="list-style-type: none"> • Arabic ★★★★★ • English ★★★★★ 	<p>SOCIAL ACTIVITES, CONFERENCES and WORK SHOPS (until 10-2023) = 172</p>
 <p>SELECTED PUBLICATIONS</p> <ul style="list-style-type: none"> • Evaluation of the Protective Role of Vitamin B12 on Gamma Radiation Induced Cytotoxicity in Mice. Al-Hazaa, 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 expression. Rafa S Almeer, 	

- Saud Alarifi, Saad Alkahtani, Shaimaa R Ibrahim, Daoud Ali and Abdel Moneim. (2018). Biomedicine & Pharmacotherapy. Volume 106. Pages 1490-1498.
- Ziziphus spina-christi 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). Plos one.
 - 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). International Journal of Nanomedicine.
 - 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). Dose-Response. Volume 2018. Pages 1-11.
 - Protective effects of Fragaria ananassa 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). Bioscience Reports.
 - Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS-mediated bax/bcl-2-cyt-c release cascading. (2018). Gadah 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). OncoTargets and Therapy.
 - Royal jelly mitigates cadmium-induced neuronal damage in mouse cortex. **Rafa S. Almeer**, Rami B. Kassab, Gadah I. AlBasher, Saud Alarifi, Saad Alkahtani, Daoud Ali and Ahmed E. Abdel Moneim. (2018). MOLECULAR BIOLOGY REPORTS. Pages 1-13.
 - Interleukin-7 receptor gene rs12516866 polymorphism decreases the susceptibility of estrogen receptor negative Saudi women to breast cancer. Mikhliid Almutairi, **Rafa Almeer**, Abdullah M Alhadeq and Abdelhabib Semlali. (2018). GENETICS AND MOLECULAR RESEARCH. 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). Anti-Cancer Agents in Medicinal Chemistry. Volume 19. Pages 1-9.
 - Effect of the thymine-DNA glycosylase rs4135050 variant on Saudi smoker population. Mikhliid Almutairi, Abdullah Mohammad Alhadeq, **Rafa Almeer**, Mohammed Almutairi, Mohammed Alzahrani, Abdelhabib Semlali. (2019). Molecular Genetics & Genomic Medicine. 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, Gadah I. AlBasher, Saud Alarifi, Saad Alkahtani, Daoud Ali, Dina Metwally, and Ahmed E. Abdel Moneim. (2019). INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES. 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.Zaghlol, **Rafa S. Almeer**, Eman F.Ahmed, Mostafa E.Rateb, Ahmed E.Abdel Moneim.(2019). Food and Chemical Toxicology. Volume 127. Pages 110-119.
 - Nephroprotective role of Beta vulgaris L. root extract against chlorpyrifos-induced renal injury in rats. (2019). Gadah Albasher, **Rafa Almeer**, Fatimah Al-Otibi, Humaira Rizwana, Saleh Alfarraj, Rami Kassab, Ahmed Abdel Moneim, Saad Alkhtani. (2019). Evidence-Based Complementary and Alternative Medicine.
 - 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. Bahbah, Maged M. A. Fouda, 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, Mikhlied Almutairi, Narasimha Reddy Parine, Abdullah Al Amri, **Rafa Almeer**, Mohammad S. Alanazi, Mahmoud Rouabhia. 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 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.
- 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 , Abdurraheem 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 , Snober 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 (*Oreochromis niloticus*). (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. Morshedy, Aymen E. Abdal Mohsen, Mohamed M. Basyony, **Rafa Almeer**, Mohamed M. Abdel-Daim and Yasmine 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, Saqib 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 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 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 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. Antioxidants.
- 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, Nermeen Borai El-Borai, Ahmed Abdelmoniem Mousa. Biology.
- *Yucca schidigera* extract mediated the growth performance, hepato-renal function, antioxidative status and histopathological alterations in Nile tilapia (*Oreochromis niloticus*) 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. Aquaculture Research.
- *Ziziphus spina-christi* 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 Gadah Albasher. Environmental Science and Pollution Research.
- *Moringa oleifera* Leaf Extract Attenuates Pb Acetate-induced Testicular Damage in Rats. (2021). Gadah Albasher, Rola Alrajhi, Entesar Alshammry, **Rafa Almeer**. Combinatorial Chemistry & High Throughput Screening.
- Immunological and antioxidant role of curcumin in ameliorating fipronil toxicity in Nile tilapia (*Oreochromis niloticus*). (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. Aquaculture Research.
- 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 Albasher, **R Almeer**, S Alfarraj, AE Abdel Moneim. Human and Experimental Toxicology.
- The influence of dietary coenzyme Q10 and vitamin C on the growth rate, immunity, oxidative-related genes, and the resistance against *Streptococcus agalactiae* of Nile tilapia (*Oreochromis niloticus*).

- (2021). Mohammed F. El Basuini, Shima A. Shahin, Islam I. Teiba, Mohamed A.A. Zaki, Abdelaziz M. El-Hais, Hani Sewilam, **Rafa Almeer**, Nevien Abdelkhalek, Mahmoud A.O. Dawood. Aquaculture.
- Ziziphus spina-christi leaf extract attenuates mercuric chloride-induced liver injury in male rats via inhibition of oxidative damage. (2021). Shima S. Ramadan, **Rafa S. Almeer**, Saad Alkahtani, Saud Alarifi, Gadah Albasher, Ahmed E. Abdel Moneim. Environmental Science and Pollution Research.
 - Healing potential of Spirulina platensis for skin wounds by modulating bFGF, VEGF, TGF- β 1 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. Biomedicine & Pharmacotherapy.
 - 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. International Journal of 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). Shima 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). Shima 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.
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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 للتربة	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 عالمة	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 - كرسى أبحاث لقاحات الأمراض المعدية	23/10/2019
81	أساسيات نظام إدارة التعلم الإلكتروني	KSU- Deanship of Skills Development	15/3/2020
82	توظيف التعلم عن بعد في العملية التعليمية	KSU- Deanship of Skills Development	7/4/2020
83	تقييم أداء الطلاب و التعلم عبر الإنترنت	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 بروكويست المختلفة	KSU- Deanship of Library Affairs	12/5/2020
90	تخطيط وجبتي 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	الكتب و الصيام المنقطع	KSU- Deanship of Library Affairs	22/3/1442

98	استراتيجيات قليلة الجهد و عالية التأثير لجعل طلابك أكثر تفاعلا	KSU- Deanship of Skills Development	10/11/2020
99	السرقه 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	الملتقى الافتراضي بمناسبة اليوم العالمي للأشخاص ذوي الإعاقة تحت شعار "يوم للجميع"	KSU- Deanship of Skills Development	3/12/2020
103	تقنيات الكشف عن الانتحال 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 سواي	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	المكملات 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 الإخلاء و الطوارئ للأشخاص ذوي الإعاقة	KSU- Deanship of Skills Development	16/3/2021
119	توظيف مبادئ سهولة الوصول لصفحات و خدمات الويب و أثرها 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 مثنى (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 و أساليب 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 أسئلة 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	الضغوط 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 التطوعية 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 تترجم كتاباً	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 المتمم 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 الالكترونية 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	اللقاء التعريفي للطلّابات للعام الجامعي ١٤٤٥	Zoology Department - KSU	4/9/2023
170	اليوم الوطني ٢٠٢٣	KSU	25-26/9/2023
171	Rubrics تقييم الطلاب بواسطة نظام	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