








 <h3>PERSONAL DETAILS</h3> <p>P. O. Box 22452, KSU, Riyadh 11495, Saudi Arabia          Phone: +966118055239/ Mobile: +966541775000          Email: <a href="mailto:ralmeer@ksu.edu.sa">ralmeer@ksu.edu.sa</a> , <a href="mailto:r.almeer@hotmail.com">r.almeer@hotmail.com</a></p>	 <h3>EXPERIENCE</h3> <p><b>Associate Professor, College of Sciences, KSU, Riyadh, Saudi Arabia</b>  <b>February 2019 - Present</b></p>
 <h3>ABOUT ME</h3> <ul style="list-style-type: none"> <li>• A highly accomplished, distinguished, and capable Saudi scholar and educator with over 11 years of experience in academia and academic research.</li> <li>• 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.</li> <li>• Active contributor to Social programs and Community.</li> </ul>	<p><b>Assistant Professor, College of Sciences, KSU, Riyadh, Saudi Arabia</b>  <b>January 2015 - January 2019</b></p> <ul style="list-style-type: none"> <li>• Faculty member and a lecturer for several B.S and MScs degree students.</li> <li>• Supervised master students during the preparation of the thesis and supervised their associated laboratory work.</li> <li>• Attended and examined many master students during their defense presentations for their master thesis.</li> <li>• Active member in multiple academic key committees within the university such as:             <ul style="list-style-type: none"> <li>• Lecturers Load Distributing and Classes Scheduling Committee.</li> <li>• Review and Auditing Committee.</li> <li>• Students' Academic Advisory Committee.</li> <li>• College/University Laboratory and Tools Arrangement Committee.</li> <li>• Postgraduate Committee.</li> <li>• College/University Public Relations and Social Services Committee.</li> <li>• College/University Research Proposals Committee.</li> <li>• Academic Accreditation Committee</li> <li>• Scholarship committee.</li> <li>• Exams coordination committee.</li> <li>• Graduation committee.</li> <li>• Member of two research groups.</li> </ul> </li> </ul>
 <h3>SKILLS</h3> <p>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.</p>  <h3>ADMINISTRATIVE POSITION:</h3> <ul style="list-style-type: none"> <li>• Head of Unit of Research and scientific Publications from <b>2018 - Present</b></li> </ul>	<p><b>Lecturer in College of Sciences, KSU, Riyadh, Saudi Arabia</b>  <b>April 2007-December 2014</b></p> <ul style="list-style-type: none"> <li>• Lecturer and Faculty Member.</li> <li>• Lecturer for several undergraduate and postgraduate studies.</li> </ul> <p><b>Assistant Laboratory Technician, KSU, Riyadh, Saudi Arabia</b>  <b>January 2004- December 2004</b></p> <ul style="list-style-type: none"> <li>• Managing the practical side of various B.S. Degree courses. Handled demonstrating the required laboratory experiments and related tests.</li> </ul>
 <h3>EDUCATION</h3>  <p><b>PhD Degree</b> of Sciences in Zoology, KSU 2009-2014  <b>GPA 4.97/5.0</b></p> <p><b>MS Degree</b> of Sciences in Zoology, KSU 2003-2007  <b>GPA 4.55/5.0</b></p>  <p><b>Bachelor Degree</b> of Sciences Girls College of Sciences 1997-2000 <b>GPA 4.6/5.0</b></p>	<h3>OBJECTIVES</h3> <ul style="list-style-type: none"> <li>• To lead and participate in research programs that yield effective and profitable solutions to enhance existing strategies, practices, workflows and solutions.</li> <li>• To identify opportunities to augment and improve the existing research practices and technologies to achieve the highest performance and value.</li> <li>• To inspire and motivate young professionals to identify opportunities to grow in both career and personal life.</li> </ul>
 <h3>LANGUAGES:</h3> <ul style="list-style-type: none"> <li>• <b>Arabic</b> ★★★★★</li> <li>• <b>English</b> ★★★★★</li> </ul>	 <h3>AWARDS:</h3> <ul style="list-style-type: none"> <li>• Publication Award 2016 from King Faisal Specialist Hospital &amp; Research Centre.</li> <li>• Scientific Award 2018 from King Saud University.</li> <li>• RAAD Program 2017 from KSU.</li> </ul>



## SELECTED PUBLICATIONS

- Evaluation of the Protective Role of Vitamin B<sub>12</sub> 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 B<sub>12</sub> 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, Ebtessam 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, Ebtessam 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.

**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 <sup>st</sup> 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	Safety of cosmetic procedures in dentistry	KSU- College of Pharmacology	12/3/2019