

SALIM AL-REJAIE, Ph.D.

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University Address

Department of Pharmacology and Toxicology
College of Pharmacy, King Saud University,
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OVERVIEW

- Professor,
Department of Pharmacology & Toxicology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
- Vice Dean for Planning and Development at the Deanship of Faculty and Personnel Affairs
- Former Consultant for the Vice Rectorate for Graduate Studies & Scientific Research
- Director for Experimental and Animal Care Center

RESEARCH ACTIVITIES

- Effect of nicotine on sleep deprivation-induced memory impairment in rats
- Characterization of Biological Markers in Triple-Negative Breast Cancer Saudi Women as potential Molecular Targeted-Therapy
- Role of Gene Expression of Matrix Metalloproteinase and Organic Cation/Carnitine Transporter in Doxorubicin-Induced Nephrotoxicity
- The potential of the antidepressant drugs, bupropion and tianeptine, in Ovariectomized rats as a model for Postmenopausal osteoporosis
- Economical Production of Immunoglobulin IgY Prepared Against Local Snakes and Scorpions Venom in Laying Hens
- Antioxidant gene during development of doxorubicin hepatotoxicity
- Possible Hepato-protection in Wistar Albino Rats Using High Cholesterol Diet Model
- Effect of Green and Black Tea in Male Wistar Albino Rats Using Immobilization Stress Model.

EDUCATION

- March 2005 Ph. D. in Pharmacology and Toxicology East Carolina University, North Carolina, USA
- May 1998 Bachelor degree in Pharmaceutical Science, King Saud University (KSU), Riyadh, Saudi Arabia.

EMPLOYMENT

- September 2013 – present
Professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia December 06.
- September 09-2013
Associate professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia December 06 -Present.
- December 06 -Present
Director for Experimental and Animal Care Center, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
- May 2005 Assistant Professor, Department of Pharmacology, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia
- April 1998 Teaching Assistant in Pharmacology, King Saud University, Riyadh, Saudi Arabia

DISTINCTIONS

- 2004 Graduate student travel award, American Society for Pharmacology and Experimental Therapeutics (ASPET), Experimental Biology 2004 Annual Meeting, Washington, D.C., USA

PROFESSIONAL EXPERIENCE

- July 2015 Proteomics summer short course, UC Davis Biotechnology Program, Proteomics Facility, Davis, CA, United States
- October 2011 Scientific publications: New trends, Deanship of Skills & Development, King Saud University, Riyadh, Saudi Arabia
- July 2012 KSU Academic Staff Development at Queen Margaret University Provisional Program, Edinburgh, Scotland UK
- July 2011 Auburn University Teaching and Learning Enhancement program, Auburn University, Auburn, United States
- April 2011 Participant with King Saud University in the International Exhibition & Conference on Higher Educations, Riyadh, Saudi Arabia
- Feb. 2011 Governance of Research in Health Specialties Workshop (by Dr. Rodney Gale), King Saud University, Riyadh, Saudi Arabia
- Dec. 2010 Team-Based Learning training (by Dr. Larry K. Michaelsen), Deanship of Skills Development, King Saud University, Riyadh, Saudi Arabia
- Jan. 2011 Participant with King Saud University in the International Exhibition for Higher Educations, Riyadh, Saudi Arabia
- Feb. 2008 Biological Banks – Ethical Issues, National Committee of Bio. & Med. Ethics, King Abdulaziz City for Science & Technology, Riyadh, Saudi Arabia.
- June-December 1998
Part-time pharmacist at Dr. Suliman Al-Habib Medical Center, Riyadh, Saudi Arabia
- March-April 1998 (Hajj season)

Pharmacist at the Security Forces Hospital Program at Mekkah Mobil Field Hospital,
Ministry of Interior Dispensaries, Saudi Arabia

- August 1997-January 1998
Pharmacy internship at King Fahad National Guard Hospital, Riyadh, Saudi Arabia

LICENSES

- June 1998 General practice in Pharmacy, Saudi Arabia.

CONFERENCES & SYMPOSIUMS

- April 2011 Feedback in Teaching and Learning Workshop (by Dr.Sergio Piccinin)
- March 2011 Course Design and Construction Workshop (by Dr. Sergio Piccinin)
- March 2011 Fostering Student Engagement and Participations in Learning (by Dr.Sergio Piccinin)
- March 2011 Student Learning Outcomes Assessment (by Dr. Bill Buskist)
- Dec. 2010 Advanced Presentations using PowerPoint training
- June 2006 The Canadian Congress of Neurological Sciences 2006 Annual Scientific Meeting, Montreal, Quebec, Canada
- April 2004 The Experimental Biology 2004 Annual Meeting, Washington, D.C., USA
- April 2004 The 34nd Annual Meeting for the Society of Neuroscience, San Diego, California, USA

PROFESSIONAL MEMBERSHIPS

- 1995 Member at the Saudi Pharmaceutical Society (SPS)
- 2004 American Society for Pharmacology and Experimental Therapeutics (ASPET)
- 2014-present American Society for Cell Biology (ASCB)
- 2015-present British Pharmacological Society

PUBLICATIONS

Ph. D. thesis title:

Behavioral interaction between ethanol and acute/chronic nicotine: role of glutamate/
nitricoxide/ cyclic GMP signaling pathway in mouse cerebellum

1. **Salim S. Al-Rejaie**, Abdulaziz M. Aleisa, Hatem M. Abuohashish, Mihir Y. Parmar, Mohammad S. Ola, Abdulaziz A. Al-Hosaini, Mohammed M. Ahmed. Naringenin neutralises oxidative stress and nerve growth factor discrepancy in experimental diabetic neuropathy. *Neurol Res.* 2015;37(10):924-33
2. Fawaz Alasmari, **Salim S. Al-Rejaie**, Shakir D. AlSharari, Youssef Saria. Targeting glutamate homeostasis for potential treatment of nicotine dependence. *Brain Research Bulletin* 2015 (in press)
3. A.J. Fatani, K.A. Al-Hosaini, M.M. Ahmed, H.M. Abuohashish, M.Y. Parmar, **S.S. Al-Rejaie**. Carvedilol Attenuates Inflammatory Biomarkers and Oxidative Stress in a Rat Model of Ulcerative colitis. *Drug. Dev. Res.*, 76 (4) (2015), pp. 204–214.
4. Hafez MM, Al-Shabanah OA, **Al-Rejaie SS**, Al-Harbi NO, Hassan ZK, Alsheikh A, Al Theyab AI, Aldelemy ML, Sayed-Ahmed MM. Increased hypermethylation of glutathione s-transferase p1, DNA-binding protein inhibitor, death associated protein kinase and paired box protein-5 genes in triple-negative breast cancer saudi females. *Asian Pac J Cancer Prev*, 2015; 16, 541-9.

5. **Salim S. Al-Rejaie**, Hatem M. Abuohashish, Mohammed M. Ahmed, Aws S. Arrejaie, Abdulaziz M. Aleisa, Shakir D. AlSharari. Telmisartan inhibits hyperalgesia and inflammatory progression in a diabetic neuropathic pain model of Wistar rats. *Neurosciences* 2015; Vol. 20 (2): 115-123
6. FATANI AJ., **AL-REJAIE SS.**, ABUOHASHISH HM., AL-ASSAF A., PARMAR MY., OLA MS., AHMED MM. Neuroprotective effects of *Gymnema sylvestre* on streptozotocin-induced diabetic neuropathy in rats. *Exp. Ther. Med.*, 2015, 9, 1670-1678.
7. Mohamed M Hafez, Naif O Al-Harbi, Ali Rashed Al-Hoshani, Khaled A Al-Hosaini, Shakir D Al Shrari, **Salim S Al Rejaie**, Mohamed M Sayed-Ahmed, Othman A Al-Shabanah. Hepato-protective effect of rutin via IL-6/STAT3 pathway in CCl4-induced hepatotoxicity in rats. *Biol Res* 2015 11;48:30.
8. Amal J. Fatani, **Salim S. Al-Rejaie**, Hatem M. Abuohashish, Abdullah Al-Assaf, Mihir Y. Parmar, Mohammed M. Ahmed. Lutein Dietary Supplementation Attenuates Streptozotocin-induced testicular damage and oxidative stress in diabetic rats. *BMC Complementary and Alternative Medicine* 2015, 15:204
9. Mohammad Shamsul Ola, Mohammed M. Ahmed, Rehan Ahmad, Hatem M. Abuohashish, **Salim S. Al-Rejaie**, Abdullah S. Alhomida. Neuroprotective effects of rutin in streptozotocin-induced diabetic rat retina. *Journal of Molecular Neuroscience*. 2015; 56(2):440-8
10. Hafez MM, Alhoshani AR, Al-Hosaini KA, Alsharari SD, **Al Rejaie SS**, Sayed-Ahmed MM, Al-Shabanah OA. SKP2/P27Kip1 pathway is associated with Advanced Ovarian Cancer in Saudi Patients. *Asian Pac J Cancer Prev*. 2015;16(14):5807-15.
11. Abuohashish HM, Ahmed MM, **Al-Rejaie SS**, Eltahir KE. The antidepressant bupropion exerts alleviating properties in an ovariectomized osteoporotic rat model. *Acta Pharmacol Sin*. 2015; 36: 209–220.
12. AlSharari SD, **Al-Rejaie SS**, Abuohashish HM, Aleisa AM, Parmar MY, Ahmed MM. Ameliorative Potential of Morin in Streptozotocin-Induced Neuropathic Pain in Rats. *Trop J Pharm Res*. 2014; 13:1429-36.
13. Aleisa A, **S. Al-Rejaie**, H. Abuohashish, M. Ola, M. Parmar, M. Ahmed. *Gymnema sylvestre* protects against experimentally-induced colitis via its anti-inflammatory and antioxidant properties in rats. *BMC Complementary and Alternative Medicine*, 2014, 14(1):49.
14. M.M. Hafez, O.A. Al-Shabanah, N.O. Al-Harbi, M.M. Al-Harbi, **S.S. Al-Rejaie**, S.M. Alsurayea, M.M. Sayed-Ahmed. Association between paraoxonases gene expression and oxidative stress in hepatotoxicity induced by CCl4. *Oxid. Med. Cell. Longevity* (2014), p. 893212
15. Abdulaziz M Aleisa, **Salem S Al-Rejaie**, Hatem M Abuohashish, Mohammed S Ola, Mihir Y Parmar and Mohammed M Ahmed (2014) Pretreatment of *Gymnema sylvestre* revealed the protection against acetic acid-induced ulcerative colitis in rats. *BMC Complementary and Alternative Medicine* doi: 10.1186/1472-6882-14-49.
16. M. Ola, A. Aleisa, **S. Al-Rejaie**, H. Abuohashish, M. Parmar, A. Alhomida, M. Ahmed. Flavonoid, morin inhibits oxidative stress, inflammation and enhances neurotrophic support in the brain of streptozotocin-induced diabetic rats. *Neurological Sciences*, 2014, DOI 10.1007/s10072-014-1628-5
17. Al-Shabanah OA, Hafez MM, Hassan ZK, Sayed-Ahmed MM, Abozeed WN, Al-Rejaie SS and Alsheikh AA: Human papillomavirus genotyping and integration in ovarian cancer Saudi patients. *Virology* 10:343–352. 2013
18. Al-Rejaie SS, Abuohashish HM, Al-Enazi MM, Al-Assaf AH, Parmar MY, Ahmed MM. Protective effect of naringenin on acetic acid-induced ulcerative colitis in rats. *World Journal of Gastroenterology*. 2013; 19(34): 5633-5644.
19. Mihir Parmar, Purvi Shah, Vaishali Thakkar, **Salim Al-Rejaie**, Tejal Gandhi. Hepatoprotective potential of Methanolic Extract of *Vetiveria Zizanioides* Roots against Carbon Tetrachloride-Induced Acute Liver Damage in Rats. *Digest Journal of Nanomaterials & Biostructures*. 2013; 8 (2): 835-844.

20. Abdulaziz M. Aleisa, **Salim S. Al-Rejaie**, Hatem M. Abuohashish, Mohammed M. Ahmed, Mihir Y. Parmar. Nephroprotective role of Morin against experimentally-induced diabetic nephropathy. Digest Journal of Nanomaterials & Biostructures. 2013; 8 (1): 395-401.
21. Hatem M. Abuohashish, **Salim S. Al-Rejaie**, Khaled A. Al-Hosaini, Mihir Y. Parmar, Mohammed M. Ahmed. Alleviating effects of morin against experimentally-induced diabetic osteopenia. Diabetology & Metabolic Syndrome. 2013; 5 (5): 1-8.
22. **Salem S Al-Rejaie**, Abdulaziz M Aleisa, Mohamed M Sayed-Ahmed, Othman A AL-Shabanah, Hatem M Abuohashish, Mohammed M Ahmed, Khaled A Al-Hosaini and Mohamed M Hafez. Protective effect of rutin on the antioxidant genes expression in hypercholestrolemic male Westar rat. Complementary and Alternative Medicine. 2013; 13 (136): 1-9.
23. M. Shamsul Ola, Mohammed M. Ahmed, Hatem M. Abuohashish, **Salim S. Al-Rejaie**, Abdullah S. Alhomida Telmisartan Ameliorates Neurotrophic Support and Oxidative Stress in the Retina of Streptozotocin-Induced Diabetic Rats. Neurochemical Research. 2013; 38 (8): 1572-1579.
24. **Salim S. Al-Rejaie**. Thymoquinone Treatment Alleviate Ovariectomy-Induced Hepatic Oxidative Damage in Rats. Journal of Applied Pharmaceutical Science. 2013; 3 (06): 126-131.
25. Dar MS, Al-Rejaie S. Tonic modulatory role of mouse cerebellar α - and β -adrenergic receptors in the expression of ethanol-ataxia: Role of AC-cAMP. Behavioural Brain Research, Volume 241, 15 March 2013, Pages 154–160.
26. Mohamed Mohamed Sayed-Ahmed, Mohamed Mahmoud Hafez, Othman Abdulla Al-Shabanah, **Salim Salih Al-Rejaie**, Abdulaziz Mohamed Aleisa, Abdulmalik Alsheikh, Abdurrahman Ibrahim Al Diab, Mohammad Hamad AL-Akeely. Increased Expression of Biological Markers as Potential Therapeutic Targets in Triple-Negative Breast Cancer Saudi females. Tumori. 2012, under process
27. Mihir Y. Parmar, Purvi A. Shah, Vaishali T. Thakkar, **Salim S. Al-Rejaie**, Tejal R. Gandhi. Hepatoprotective effect of amomum subulatum roxb seeds on carbon tetrachloride-induced liver damage in rats. IOSR Journal of Pharmacy. 2(5) 2012.
28. Abdulaziz M. Aleisa, Hatem M. Abuohashish, Mohammed M. Ahmed, **Salim S. Al-Rejaie**, Osama A. Alkhamees and Abdulaziz S. Alroujayee. Ameliorative effects of rutin and ascorbic acid combination on hypercholesterolemia-induced hepatotoxicity in female rats. African Journal of Pharmacy and Pharmacology. 2013; 7(6), pp. 280-288
29. Mohamed M. Sayed-Ahmed, Mohamed M. Hafez, Meshan Lafi Aldelemy, Abdulaziz M. Aleisa, **Salem S. Al-Rejaie**, Khaled A. Al-Hosaini, Naif O. Al-Harbi, Mohamed M. Al-Harbi, and Othman A. Al-Shabanah. Downregulation of Oxidative and Nitrosative Apoptotic Signaling by L-Carnitine in Ifosfamide-Induced Fanconi Syndrome Rat Model. Oxidative Medicine and Cellular Longevity. Volume (2012), page 1-9.
30. **Al-Rejaie SS**, Abuohashish HM, Ahmed MM, Aleisa AM, Alkhamees O. Possible biochemical effects following inhibition of ethanol-induced gastric mucosa damage by *Gymnema sylvestre* in male Wistar albino rats. Pharm Biol. 2012 Dec;50(12):1542-50.
31. **Salim S. Al-Rejaie**. Effect of Oleo-gum-resin on Ethanol-induced Hepatotoxicity in Rats. J. Med. Sci. 12 (1). 2012.
32. **Salim S. Al-Rejaie**, Hatem M. Abuohashish, Mohammed M. Ahmed, Abdulaziz M. Aleisa, Abdulaziz S. Alroujayee and Osama A. Alkhamees. Immobilization stress-induced oxidative damage and its amelioration with green and black teas. African Journal of Pharmacy and Pharmacology, 2012, Vol. 6(8), pp. 538 – 545.
33. **Al-Rejaie SS**, Abuohashish HM, Alkhamees OA, Aleisa AM, Alroujayee AS. Gender difference following high cholesterol diet induced renal injury and the protective role of rutin and ascorbic acid combination in Wistar albino rats. Lipids Health Dis. 2012;11(1):41

34. Ihab M. Moussa, Ashgan M. Hessian, Abdulaziz M. Aleisa, Abdullah A. Al-Arfaj, Mounier M. Salem-Bekhit, **Salim A. Alrejai**. Protective efficacy of immunoglobulins Y prepared against Cerastes cerastes snake venom in the Kingdom of Saudi Arabia. *Saudi Med J* 2012; 33 (8): 846-851
35. Hafez MM, Hassan ZK, Zekri AR, Gaber AA, **Al Rejaie SS**, Sayed-Ahmed MM, Al Shabanah O. MicroRNAs and metastasis-related gene expression in Egyptian breast cancer patients. *Asian Pac J Cancer Prev*. 2012;13(2):591-8.
36. Al-Shabanah OA, Aleisa AM, Hafez MM, **Al-Rejaie SS**, Al-Yahya AA, Bakheet SA, Al-Harbi MM, Sayed-Ahmed MM. Desferrioxamine attenuates doxorubicin-induced acute cardiotoxicity through TFG- β /Smad p53 pathway in rat model. *Oxid Med Cell Longev*; 2012: Page 1-7.
37. Moussa I. M., Ashgan M. H., Abdulaziz M. Aleisa, Abdullah A. Al-Arfaj and **Salim A. Rejaie**. Evaluation of the protective efficacy of immunoglobulin Y (IgY- antibodies) prepared against Walterinnesia aegyptia snake venom in Saudi Arabia. *African Journal of Biotechnology* 2012, Vol. 11(72), pp. 13726-13731.
38. Mounir M. Salem-Bekhit, Ihab Mohamed Ibrahim Moussa, Muharram M. M. Ahmed Mahmoud Elsherbini and **Salim AlRejaie**. Increasing prevalence of high-level gentamicin resistant enterococci: An emerging clinical problem. *African Journal of Microbiology Research*. 5(31) pp. 5713-5720, 2011.
39. Marwah Mohamed, I. M. Moussa, Kh. F. Mohamed, Ahmed Samir, E. A. Nasr, M. H. Ashgan, **Salim AlRejaie** and M. E. Hatem. BACTEC MGIT 960 TM system for screening of Mycobacterium tuberculosis complex among cattle. *African Journal of Biotechnology*. 10(63), pp. 13919-13923, 2011.
40. A.M. Aleisa, G. Helal, I.A. Alhaider, K.H. Alzoubi, M. Srivareerat, T.T. Tran, **S.S. Al-Rejaie**, and K.A. Alkadhi. Acute Nicotine Treatment Prevents REM Sleep Deprivation-Induced Learning and Memory Impairment in Rat. *HIPPOCAMPUS* 21:899-909 (2011).
41. Alshabanah OA, Hafez MM, Al-Harbi MM, Hassan ZK, **Al-Rejaie SS**, Asiri YA, Sayed-Ahmed MM. Doxorubicin toxicity can be ameliorated during antioxidant L-carnitine supplementation. *Oxidative Medicine and Cellular Longevity*. 2010;3(6):428-33.
42. Mansour, Mahmoud A; Bekheet, Saleh A; **Al-Rejaie, Salim S**; Al-Shabanah, Othman A; Al-Howiriny, Tawfeq A; Al-Rikabi, Ammar C; Abdo, Ayman A. Ginger ingredients inhibit the development of diethylnitrosoamine induced premalignant phenotype in rat chemical hepato carcinogenesis model. *Biofactors*. 2010;36 (6) 483-90.
43. Sayed-Ahmed MM, Aleisa AM, **Al-Rejaie SS**, Al-Yahya AA, Al-Shabanah OA, Hafez MM, Nagi MN. Thymoquinone attenuates diethylnitrosamine induction of hepatic carcinogenesis through antioxidant signaling. *OXIDATIVE MEDICINE AND CELLULAR LONGEVITY*. 2010;3(4) 254-261.
44. Al-Shabanah OA, Aleisa AM, Al-Yahya AA, **Al-Rejaie SS**, Bakheet SA, Fatani AG, Sayed-AhmedMM. Increased urinary losses of carnitine and decreased intramitochondrial coenzyme A in gentamicin-induced acute renal failure in rats. *Nephrol Dial Transplant*. 2010;25(1).
45. Sayed-Ahmed MM, Al-Shabanah OA, Hafez MM, Aleisa AM, **Al-Rejaie SS**, Inhibition of gene expression of heart fatty acid binding protein and organic cation/carnitine transporter in doxorubicin cardiomyopathic rat model. *Eur J Pharmacol*. 2010, Aug 25;640(1-3):143-9.
46. **Al-Rejaie S.S.**, Effect of Green and Black Teas on Immobilization Induced Stress in Male Wistar albino Rats. *International Journal of Pharmacology*. 2009; 5(2): 137-145
47. Adel R. A. Abd-Allah, Gouda K. Helal, Abdulaziz A. Al-Yahya, Abdulaziz M. Aleisa, **Salim S. Al-Rejaie**, Abdulhakeem A. Al-Majed and Saleh A. Al-Bakheet, Pro-inflammatory and oxidative stress pathway which compromise sperm motility and survival may be altered by L-carnitine, *Oxidative Medicine and Cellular Longevity*. 2009;2(2):73-81.
48. **Al-Rejaie S.S.**, Inhibition of Ethanol-Induced Gastric Mucosal Damage by Carvedilol in Male Wistar albion Rats: Possible Biochemical Changes, *International Journal of Pharmacology*. 2009;5(2): 146-154

49. Attia SM, Aleisa AM, Bakheet SA, Al-Yahya AA, **Al-Rejaie SS**, Ashour AE, Al-Shabanah OA. Molecular cytogenetic evaluation of the mechanism of micronuclei formation induced by camptothecin, topotecan, and irinotecan. *Environ Mol Mutagen*. 2009;50(2):145-51.
50. Gouda K. Helal, Abdulaziz M. Aleisa, Omayma K. Helal, **Salim S. Al-Rejaie**, Abdulaziz A. Al-Yahya, Abdulhakeem A. Al-Majed and Othman A. Al-Shabanah. Metallothionein induction reduces caspase-3 activity and TNF α levels with preservation of cognitive function and intact hippocampal neurons in carmustine-treated rats. *Oxidative Medicine and Cellular Longevity*. 2009;2(1):26-35.
51. **Salim S. Al-Rejaie**, Abdulaziz M. Aleisa, Abdulaziz A. Al-Yahya, Saleh A. Bakheet, Abdulmalik Alsheikh, Amal G. Fatani, Othman A. Al-Shabanah and Mohamed M. Sayed-Ahmed. Progression of Diethylnitrosamine-Induced hepatic carcinogenesis in Carnitine-Depleted Rats. *World Journal of Gastroenterology*. 2009;15(11): 1373-1380.
52. Taslim N, **Al-Rejaie S**, Saeed Dar M. Attenuation of ethanol-induced ataxia by alpha(4)beta(2)nicotinic acetylcholine receptor subtype in mouse cerebellum: a functional interaction. *Neuroscience*. 2008; 157(1):204-13.
53. Aleisa AM, **Al-Rejaie SS**, Bakheet SA, Al-BekairiAM, Al-Shabanah OA, Al-Majed AA, Al-Yahya AA, Qureshi S. Protective effect of metformin on cardiac and hepatic toxicity induced by adriamycin in swiss albino mice. *Asian Journal of Biochemistry*. 2008; 3(2):99-108.
54. Mahmoud A mansour, Saleh A Bakheet, Abduaziz M Aleisa, **Salim S Al-Rejaie**, Abdulaziz A ALYahya, Mubarak El-Ameen and Othman A Al Shabana. Protective effect of 6-Gingerol against cardiotoxicity iduced by doxorubicin. *The open Pharmacology journal*. 2008; 2:20-23.
55. Aleisa, A.M., A.A. Al-Majed, A.A. Al-Yahya, **S.S. Al-Rejaie**, S.A. Bakheet, O.A. Al-Shabanah, andM.M. Sayed-Ahmed, Reversal of cisplatin-induced carnitine deficiency and energy starvation bypropionyl-L-carnitine in rat kidney tissues. *Clin Exp Pharmacol Physiol*., 2007; 34(12): p. 1252-9.
56. Aleisa, A.M., **S.S. Al-Rejaie**, S.A. Bakheet, A.M. Al-Bekari, O.A. Al-Shabanah, A. Al-Majed, A.A.Al-Yahya, and S. Qureshi, Effect of metformin on clastogenic and biochemical changes induced by adriamycin in Swiss albino mice. *Mutat Res*, 2007; 634:93-100.
57. **Al-Rejaie S.S.**, Bakheet SA, Al-Harbi MM, Al-Bekari AM, Al-Shabanah OA, Al-Majed A, Al-YahyaAA, Qureshi S., Cytotoxic, Biochemical and Anti-Tumor Activity of Camel Urine on Ehrlich Ascites Carcinoma Cell-Bearing Swiss Albino Mice. *The Journal of Research and Education in Indian Medicine*. 2007.
58. Al-Majed, A.A., M.M. Sayed-Ahmed, A.A. Al-Yahya, A.M. Aleisa, **S.S. Al-Rejaie**, and O.A. Al- Shabanah, Propionyl-L-carnitine prevents the progression of cisplatin-induced cardiomyopathy in a carnitine-depleted rat model. *Pharmacol Res.*, 2006; 53(3): p. 278-86.
59. **Al-Rejaie SS**, Dar MS. Antagonism of ethanol ataxia by intracerebellar nicotine: Possible modulation by mouse cerebellar nitric oxide and cGMP. *Brain Research Bulletin*. 2006; 69(2):187- 96.
60. **Al-Rejaie SS**, Dar MS. Behavioral interaction between nicotine and ethanol: possible modulation by mouse cerebellar glutamate. *Alcohol ClinExp Res*. 2006; 30(7):1223-33.
61. **Al-Rejaie SS**, Dar MS. Possible role of mouse cerebellar nitric oxide in the behavioral interaction between chronic intracerebellar nicotine and acute ethanol administration: Observation of crosstolerance. *Neuroscience*. 2006; 138(2):575-585.

COMMITTEES

1. Member, Excellence in Teaching Award Committee, Deanship of Quality, King Saud University (2008-Present)
2. Director, College of Pharmacy Internship Training program Committee, College of Pharmacy, King Saud University (2008-Present)
3. Member, Graduate Projects Advisory Committee, College of Pharmacy, King Saud University (2008-2009)
4. Chairman, College of Pharmacy Annual Report Committee, College of Pharmacy, King Saud University (2008-2009)
5. Member, College of Pharmacy Internship Training Program Committee, College of Pharmacy, King Saud University (2006-2008)
6. Director, Establishment of the Science and Technology National Program, Vice Rectorate for Knowledge Exchange and Technology Transfer, King Saud University (2008)
7. Member, The 9th International Scientific Pharmacy Meeting and Exposition-Organizing Committee, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (2005-2006)
8. Member, The 7th International Saudi Pharmaceutical Organizing Committee, College of Pharmacy, King Saud University, Riyadh, Saudi Arabia (2006-2007)
9. Member, Department of Pharmacology Graduate Admission Committee (2006-Present)
10. Member, Interview Committee for Applicants to the Health Sciences (Colleges) Program, King Saud University, (2006-Present)

UNIVERSITY AND COMMUNITY SERVICES

1. Hani Al-Ismail Master's Student (Examiner) (2010)
2. Ibrahim Al-Obodi Master's Student (Examiner) (2008)
3. Khalid Al-Harbi Master's Student (Examiner) (2009)
4. Supervisor, Community and Private Internship Training Program for Pharmacy students (2007-present)
5. Member, Assessment and Academic Accreditation Unite Council, College of Pharmacy, College of Pharmacy, King Saud University (2007)
6. Instructor, Continuing Education Course in Pharmacology for the Saudi Board in Oral and Maxillofacial Surgery (2006-present)
7. Director, College of Pharmacy Committee for the King Saud Universities 50th Ceremony (2007)
8. Lecture titled "Drug Targeting in the Brain Areas Using Stereotaxic Surgery", for College of Pharmacy, King Saud University, 24/10/1427 Hijra (2007).