

PUBLICATIONS:

My published work has been cited more than 2100 times (Scopus. December 2017), and I am holding a Hirsch's (H)-index of 29, which is the highest among all researcher in the fields of Pharmacy and Pharmacology in Jordan (Scopus. December 2017).

Research Articles:

1. **Alzoubi KH**, Khabour OF, Ahmed M. Pentoxifylline prevents post-traumatic stress disorder induced memory impairment. *Brain Res Bull.* 2018 Mar 17;139:263-268.
2. **Alzoubi KH**, Rababa'h AM, ALyacoub ON. Tempol prevents post-traumatic stress disorder induced memory impairment. *Physiol Behav.* 2018 Feb 1;184:189-195.
3. Alomari MA, Khalil H, Khabour OF, **Alzoubi KH**, Dersieh EH. Altered cardiovascular function is related to reduced BDNF in Parkinson's disease. *Exp Aging Res.* 2018 Mar 20:1-14. [Epub ahead of print]
4. Khabour O, **Alzoubi KH**, Al-Sawalha N, Ahmad MB, Shihadeh A, Eissenberg T. The effect of chronic exposure to waterpipe tobacco smoke on airway inflammation in mice. *Life Sci.* 2018 Mar 16. [Epub ahead of print]
5. Alomari MA, Al-Sheyab NA, Khabour OF, **Alzoubi KH**. Brain-derived neurotrophic factor in adolescents smoking waterpipe: The Irbid TRY. *Int J Dev Neurosci.* 2018 Mar 16;67:14-18.
6. Al-Keilani MS, Alsmadi DH, Darweesh RS, **Alzoubi KH**. Pramlintide, an antidiabetic, is antineoplastic in colorectal cancer and synergizes with conventional chemotherapy. *Clin Pharmacol.* 2018 Mar 5;10:23-29.
7. Jarab A, Alefishat E, Mukattash T, **Alzoubi KH**, Pinto S. Patients' perspective of the impact of COPD on quality of life: a focus group study for patients with COPD. *Int J Clin Pharm.* 2018, doi: 10.1007/s11096-018-0614-z. [Epub ahead of print]
8. Alzoubi A, Ghazwi R, **Alzoubi KH**, Alqudah M, Kheirallah K, Khabour O, Allouh M. Vascular endothelial growth factor receptor inhibition enhances COPD picture in mice exposed to waterpipe smoke. *Folia Morphol (Warsz).* 2018 Jan 3. doi: 10.5603/FM.a2017.0120. [Epub ahead of print]
9. Abeer K. Malkawi, **Alzoubi KH**, Minnie Jacob, Goran Matic, Asmaa Ali, Achraf Alfaraj, Falah Almuhanal, Majed Dasouki, Anas Abdel Raman. Metabolomics based profiling of Dexamethasone side effects in rats. *Front. Pharmacol* 2018 Feb 16;9:46.
10. Shakhathreh MAK, Khabour OF, **Alzoubi KH**, Masadeh MM, Hussein EI, Bshara GN. Alterations in oral microbial flora induced by waterpipe tobacco smoking. *Int J Gen Med.* 2018 Feb 2;11:47-54.
11. Mukattash TL, **Alzoubi KH**, Abuirjie AM, Jarab AS, Abu Farha RK, Nusair MB, McElnay JC. Perceptions and attitudes towards off-label dispensing for pediatric patients, a study of hospital based pharmacists in Jordan. *Saudi Pharm J.* 2018 Jan;26(1):20-24.
12. **Alzoubi KH**, Al Subeh ZY, Khabour OF. Evaluating the protective effect of etazolate on memory impairment, anxiety- and depression-like behaviors induced by post traumatic stress disorder. *Brain Res Bull.* 2017 Oct;135:185-192.
13. **Alzoubi KH**, Rawashdeh NQ, Khabour OF, El-Elimat T, Albataineh H, Al-Zghool HM, Alali FQ. Evaluation of the Effect of Moringa peregrina Extract on Learning and Memory: Role of Oxidative Stress. *J Mol Neurosci.* 2017 Dec;63(3-4):355-363.

14. **Alzoubi KH**, Mayyas FA, Mahafzah R, Khabour OF. Melatonin prevents memory impairment induced by high-fat diet: Role of oxidative stress. *Behav Brain Res*. 2018 Jan 15;336:93-98.
15. **Alzoubi KH**, Rababa'h AM, Owaisi A, Khabour OF. L-carnitine prevents memory impairment induced by chronic REM-sleep deprivation. *Brain Res Bull*. 2017 May;131:176-182.
16. **Alzoubi KH**, Malkawi BS, Khabour OF, El-Elimat T, Alali FQ. Arbutus andrachne L. Reverses Sleep Deprivation-Induced Memory Impairments in Rats. *Mol Neurobiol*. 2017. doi: 10.1007/s12035-017-0387-8. [Epub ahead of print]
17. Kassab M, Alhassan AA, **Alzoubi KH**, Khader YS. Number and Frequency of Routinely Applied Painful Procedures in University Neonatal Intensive Care Unit. *Clin Nurs Res*. 2017 [Epub ahead of print].
18. Rababa'h AM, **Alzoubi KH**, Atmeh A. Levosimendan enhances memory through antioxidant effect in rat model: behavioral and molecular study. *Behav Pharmacol*. 2017. [Epub ahead of print].
19. Alqudah MAY, Al-Ashwal FY, **Alzoubi KH**, Alkhatatbeh M, Khabour O. Vitamin E protects human lymphocytes from genotoxicity induced by oxaliplatin. *Drug Chem Toxicol*. 2017 Nov 2:1-6.
20. Masadeh MM, **Alzoubi KH**, Al-Azzam SI, Al-Buhairan AM. Masadeh MM, Alzoubi KH, Al-Azzam SI, Al-Buhairan AM. *Clin Pharmacol*. 2017 Oct 17;9:119-124
21. Azab M, Khabour F., **Alzoubi K**, Almomani D, Diazepam induced oxidative DNA damage in cultured human lymphocytes. *Journal of King Saud University – Science*, 2017. [Epub ahead of print].
22. Mhaidat N, Al Sheyab F, Zyoud A, **Alzoubi K**, Khabour O, AL-Quraan N, Bodoor K, Al Khateeb W, Study the epigenetic down-regulation of Bim on colorectal cancer chemotherapy response. *Journal of King Saud University – Science*, 2017. [Epub ahead of print].
23. Al-Sawalha N, Al-Bo'ulb H, **Alzoubi K**, Khabour O, Thanawala V. Effect of prenatal waterpipe tobacco smoke on airway inflammation in murine model of asthma of adult offspring mice. *Inhalation Toxicology*, 2017 [Epub ahead of print].
24. Alqudah M, Alashwal F, **Alzoubi K**, Alkhatatbeh M, Khabour O. Vitamin E protects human lymphocytes from genotoxicity induced by oxaliplatin. *Inhalation Toxicology*, 2017 [Epub ahead of print].
25. DaradkaH, Khabour O, Alzoubi K, Nakkash R, Eissenberg T. Cigarette Tobacco and Waterpipe Use among Taibah University Students in Medina of Saudi Arabia: The impact of Tobacco sales ban. *Eastern Mediterranean Health Journal Health Journal*. [Epub ahead of print].
26. Mayyas F, Ibrahim K, **Alzoubi KH**. Awareness of physicians and pharmacists of aldosterone antagonists in heart failure and myocardial infarction in Jordan. *Pharm Pract (Granada)*. 2017 Jul-Sep;15(3):994.
27. Al-Taani GM, Al-Azzam SI, **Alzoubi KH**, Darwish Elhajji FW, Scott MG, Alfahel H, Aldeyab MA. Prediction of drug-related problems in diabetic outpatients in a number of hospitals, using a modeling approach. *Drug Healthc Patient Saf*. 2017 Jul 28;9:65-70. doi: 10.2147/DHPS.S125114.
28. Rababa'h AM, Hijjawi TB, **Alzoubi KH**, Al Demour S, Ababneh MA. The Nephroprotective Effect of N-Acetyl-L-Cysteine and Atorvastatin against Imipenem

- induced Nephrotoxicity. *Curr Mol Pharmacol*. 2017 Jul 31. doi: 10.2174/1874467210666170731115928. [Epub ahead of print]
29. Banihani SA, Abu-Alhayjaa RF, Amarin ZO, **Alzoubi KH**. Pentoxifylline increases the level of nitric oxide produced by human spermatozoa. *Andrologia*. 2017 Jul 28. doi: 10.1111/and.12859. [Epub ahead of print]
 30. Nuseir KQ, **Alzoubi KH**, Alhusban A, Bawaane A, Al-Azzani M, Khabour OF. Sucrose and naltrexone prevent increased pain sensitivity and impaired long-term memory induced by repetitive neonatal noxious stimulation: Role of BDNF and β -endorphin. *Physiol Behav*. 2017 Oct 1;179:213-219.
 31. Al-Sawalha N, **Alzoubi K**, Khabour O, Alyacoub W, Almahmmod Y, Eissenberg T. Effect of prenatal exposure to waterpipe tobacco smoke on learning and memory of adult offspring rats. *Nicotine Tob Res*. 2017 Jun 20. doi: 10.1093/ntr/ntx142. [Epub ahead of print]
 32. Al-Sawalha NA, Migdadi AM, **Alzoubi KH**, Khabour OF, Qinna NA. Effect of waterpipe tobacco smoking on airway inflammation in murine model of asthma. *Inhal Toxicol*. 2017, 29(2):46-52.
 33. Mayyas F, **Alzoubi KH**, Al-Taleb Z. Impact of high fat/high salt diet on myocardial oxidative stress. *Clin Exp Hypertens*. 2017;39(2):126-132.
 34. Alqudah MA, Al-Azzam S, **Alzoubi K**, Alkhatatbeh M, Alawneh K, Alazzeah O, Ababneh B. Effects of antirheumatic drug underutilization on rheumatoid arthritis disease activity. *Inflammopharmacology*. 2017. 25(4):431-438
 35. Al-Azayzih A, Al-Azzam SI, **Alzoubi KH**, Shawaqfeh M, Masadeh MM. Evaluation of drug-prescribing patterns based on the WHO prescribing indicators at outpatient clinics of five hospitals in Jordan: a cross-sectional study. *Int J Clin Pharmacol Ther*. 2017. 55(5):425-432
 36. **Alzoubi KH**, Khabour OF, Albawaanah A, Alhashimi FH, Athamneh R. Tempol prevents chronic sleep-deprivation induced memory impairment. *Brain Rs Bull*. 2016 Jan;120:144-50.
 37. **Alzoubi KH**, Mayyas FA, Khabour OF, Bani Salama FM, Alhashimi FH, Mhaidat NM. Chronic Melatonin Treatment Prevents Memory Impairment Induced by Chronic Sleep Deprivation. *Mol Neurobiol*. 2016 Jul;53(5):3439-47.
 38. Mayyas F, **Alzoubi KH**, Bonyan R. The role of spironolactone on myocardial oxidative stress in rat model of streptozotocin-induced diabetes. *Cardiovasc Ther*. 2016 [Epub ahead of print]
 39. Mhaidat NM, Al-Husein BA, **Alzoubi KH**, Hatamleh DI, Khader Y, Matalqah S, Albsoul A. Knowledge and Awareness of Colorectal Cancer Early Warning Signs and Risk Factors among University Students in Jordan. *J Cancer Educ*. 2016 Dec 9. [Epub ahead of print]
 40. Alkofahi AS, **Alzoubi KH**, Khabour OF, Mhaidat NM, Screening of selected medicinal plants from Jordan for their protective properties against oxidative DNA damage. *Industrial Crops and Products*. 2016 October;88:106-111.
 41. Shakhathreh MA, Al-Smadi ML, Khabour OF, Shuaibu FA, Hussein EI, **Alzoubi KH**. Study of the antibacterial and antifungal activities of synthetic benzyl bromides, ketones, and corresponding chalcone derivatives. *Drug Des Devel Ther*. 2016 Nov 8;10:3653-3660.
 42. Al-Sheyab NA, Al-Fuqha RA, Kheirallah KA, Khabour OF, **Alzoubi KH**. Anthropometric measurements of newborns of women who smoke waterpipe during pregnancy: a comparative retrospective design. 2016 Nov;28(13):629-63.

43. Mhaidat NM, **Alzoubi KH**, Khabour OF, Alawneh KZ, Raffee LA, Alsatari ES, Hussein EI, Bani-Hani KE. Assessment of genotoxicity of vincristine, vinblastine and vinorelbine in human cultured lymphocytes: a comparative study. *Balkan J Med Genet*. 2016 Aug 2;19(1):13-20.
44. Al-Azzam SI, **Alzoubi KH**, Alefan Q, Alzayadeen RN. Evaluation of the types and frequency of drug-related problems and the association with gender in patients with chronic diseases attending a primary health care center in Jordan. *Int Health*. 2016 Nov;8(6):423-426.
45. Rababa'h AM, Sultan BB, **Alzoubi KH**, Khabour OF, Ababneh MA. Exposure to waterpipe smoke induces renal functional and oxidative biomarkers variations in mice. *Inhal Toxicol*. 2016 Sep;28(11):508-13.
46. Azab M, Khabour OF, **Alzoubi KH**, Hawamdeh H, Quttina M, Nassar L. Assessment of genotoxicity of pyrethrin in cultured human lymphocytes. *Drug Chem Toxicol*. 2016.
47. Alqudah MA, Al-Azzam S, **Alzoubi K**, Alkhatatbeh M, Rawashdeh N. Overuse of proton pump inhibitors for stress ulcer prophylaxis in Jordan. *Int J Clin Pharmacol Ther*. 2016 Aug;54(8):597-602.
48. Ababneh MA, Al-Azzam SI, **Alzoubi KH**, Rababa'h AM. Adherence in outpatients taking warfarin and its effect on anticoagulation control in Jordan. *Int J Clin Pharm*. 2016 Aug;38(4):816-21.
49. Masadeh MM, **Alzoubi KH**, Al-Azzam SI, Khabour OF, Al-Buhairan AM. Ciprofloxacin-Induced Antibacterial Activity Is Attenuated by Pretreatment with Antioxidant Agents. *Pathogens*. 2016 Mar 9;5(1). pii: E28. doi: 10.3390/pathogens5010028.
50. Al-Azzam SI, **Alzoubi KH**, AbuRuz S, Alefan Q. Drug-related problems in a sample of outpatients with chronic diseases: a cross-sectional study from Jordan. *Ther Clin Risk Manag*. 2016 Feb 17;12:233-9. doi: 10.2147/TCRM.S98165. eCollection 2016
51. Rababa'h AM, Deo SV, Altarabsheh SE, De Caro J, Tarboush NA, **Alzoubi KH**, Ababneh M, McConnell BK, Markowitz AH, Park SJ. N-Acetyl Cysteine Therapy Does Not Prevent Renal Failure in High-Risk Patients Undergoing Open-Heart Surgery. *Heart Surg Forum*. 2016 Feb 22;19(1):E016-22. doi: 10.1532/hsf.1424.
52. Mhaidat NM, Al-Balas QA, **Alzoubi KH**, AlEjjelat RF. Potassium-3-beta-hydroxy-20-oxopregn-5-en-17-alpha-yl sulfate: a novel inhibitor of 78 kDa glucose-regulated protein. *Onco Targets Ther*. 2016 Feb 3;9:627-34
53. Mukattash TL, **Alzoubi KH**, Abu El-Rub E, Jarab AS, Al-Azzam SI, Khmour M, Shara M, Al Hamarneh YN. Prevalence of non-adherence among psychiatric patients in Jordan, a cross sectional study. *Int J Pharm Pract*. 2016 May;24(3):217-221.
54. Al-Azzam SI, **Alzoubi KH**, Khabour OF, Quttina M, Zayadeen R. Evaluation of the effect of angiotensin converting enzyme inhibitors and angiotensin receptors blockers on aspirin antiplatelet effect. *Int J Clin Pharmacol Ther*. 2016 Feb;54(2):96-101.
55. **Alzoubi KH**, Khabour OF, Alharahshah EA, Alhashimi FH, Shihadeh A, Eissenberg T. The Effect of Waterpipe Tobacco Smoke Exposure on Learning and Memory Functions in the Rat Model. *J Mol Neurosci*. 2015 Oct;57(2):249-56.
56. **Alzoubi KH**, Khabour OF, Al-Azzam SI, Mayyas F, Mhaidat NM. The role of Multidrug Resistance-1 (MDR1) variants in response to atorvastatin among Jordanians. *Cytotechnology* 2015 Mar; 67(2):267-74.
57. Khabour OF, **Alzoubi KH**, Al-Sheyab N, Shihadeh A, Eissenberg T. Investigating the Effects of Exposure to Waterpipe Smoke on Pregnancy Outcomes Using an Animal Model. *Nicotine Tob Res*. 2016 Jan;18(5):585-589.

58. Khabour OF, Enaya FM, **Alzoubi KH**, Al-Azzam SI. Evaluation of DNA damage induced by norcantharidin in human cultured lymphocytes. *Drug Chem Toxicol.* 2016 Jul;39(3):303-6.
59. Khabour OF, **Alzoubi KH**, Abu Thiab TM, Al-Husein BA, Eissenberg T, Shihadeh AL. Changes in the expression and protein level of matrix metalloproteinases after exposure to waterpipe tobacco smoke. *Inhal Toxicol.* 2015 Nov;27(13):689-93
60. Azab M, Khabour OF, **Alzoubi KH**, Mahmoud SA, Anabtawi M, Quttina M. Assessment of genotoxicity of waterpipe smoking using 8-OHdG biomarker. *Genet Mol Res.* 2015 Aug; 14(3):9555-61.
61. Mhaidat NM, Al-Smadi M, Al-Momani F, **Alzoubi KH**, Mansi I, Al-Balas Q. Synthesis, antimicrobial and in vitro antitumor activities of a series of 1,2,3-thiadiazole and 1,2,3-selenadiazole derivatives. *Drug Des Devel Ther.* 2015 Jul;9:3645-52.
62. Mayyas F, **Alzoubi KH**, Al-Taleb Z. An evaluation of the effect of pentoxifylline on blood pressure and myocardial oxidative status following intake of western diet. *Clin Exp Hypertens.* 2015;37(8):666-73.
63. Alomari MA, Khabour OF, **Alzoubi KH**, Alzubi MA. Combining restricted diet with forced or voluntary exercises improves hippocampal BDNF and cognitive function in rats. *Int J Neurosci.* 2016;126(4):366-73.
64. Masadeh MM, Hussein EI, **Alzoubi KH**, Khabour O, Shakhatreh MA, Gharaibeh M. Identification, characterization and antibiotic resistance of bacterial isolates obtained from waterpipe device hoses. *Int J Environ Res Public Health.* 2015 May 13;12(5):5108-15.
65. Alomari MA, Khabour OF, **Alzoubi KH**, Shqair DM, Stoner L. Acute vascular effects of waterpipe smoking: Importance of physical activity and fitness status. *Atherosclerosis.* 2015; 240(2):472-6.
66. Nuseir KQ, **Alzoubi KH**, Alabwaini J, Khabour OF, Kassab MI. Sucrose-induced analgesia during early life modulates adulthood learning and memory formation. *Physiol Behav.* 2015, 145:84-90.
67. Mhaidat NM, **Alzoubi KH**, Khabour OF, Tashtoush NH, Banihani SA, Abdul-razzak KK. Exploring the effect of vitamin C on sleep deprivation induced memory impairment. *Brain Res Bull.* 2015;113:41-7.
68. Mhaidat NM, **Alzoubi KH**, Abushbak A. X-box binding protein 1 (XBP-1) enhances colorectal cancer cell invasion. *J Chemother.* 2015, 27(3):167-73.
69. Mhaidat NM, **Alzoubi KH**, Almomani N, Khabour OF. Expression of glucose regulated protein 78 (GRP78) determines colorectal cancer response to chemotherapy. *Cancer Biomark.* 2015, 15(2):203-9.
70. Banihani SA, Bayachou M, **Alzoubi K**. L-Carnitine is a calcium chelator: a reason for its useful and toxic effects in biological systems. *J Basic Clin Physiol Pharmacol.* 2015 Mar;26(2):141-5.
71. Masadeh MM, **Alzoubi KH**, Khabour OF, Al-Azzam SI, Ciprofloxacin-Induced Antibacterial Activity Is Attenuated by Phosphodiesterase Inhibitors. *Current Therapeutic Research.* 2014 Dec;77:14-7
72. Masadeh MM, Karasneh GA, Al-Akhras MA, Albiss BA, Aljarah KM, Al-Azzam SI, **Alzoubi KH**. Cerium oxide and iron oxide nanoparticles abolish the antibacterial activity of ciprofloxacin against gram positive and gram negative biofilm bacteria. *Cytotechnology.* 2015 May;67(3):427-35.

73. Al-Azzam SI, Awawdeh BT, **Alzoubi KH**, Khader YS, Alkafajei AM. Compliance with safe handling guidelines of antineoplastic drugs in Jordanian hospitals. *J Oncol Pharm Pract.* 2015 Feb;21(1):3-9.
74. Masadeh MM, **Alzoubi KH**, Al-Azzam SI. Flouroquinolones induced antibacterial activity is attenuated by pre-treatment with vitamin B12. *International Journal of Pharmacology.* 2015 Jan;11(1), 67-71.
75. **Alzoubi KH**, Alkadhi KA. (2014) Chronic Nicotine Treatment Reverses Hypothyroidism-Induced Impairment of L-LTP Induction Phase: Critical Role of CREB. *Mol Neurobiol.* 49(3):1245-55.
76. **Alzoubi KH**, Alkadhi KA. (2014) Levothyroxin replacement therapy restores hypothyroidism induced impairment of L-LTP induction: Critical role of CREB. *Brain Res Bull.* 100:29-37.
77. **Alzoubi K**, Khabour O, Khader M, Mhaidat N, Al-Azzam S. (2014) Evaluation of vitamin B12 effects on DNA damage induced by paclitaxel. *Drug Chem Toxicol.* 37(3):276-80.
78. **Alzoubi KH**, Khabour OF, Al-Azzam SI, Tashtoush MH, Mhaidat NM. (2014) Metformin Eased Cognitive Impairment Induced by Chronic L-methionine Administration: Potential Role of Oxidative Stress. *Current Neuropharmacology* 12(2):186-92.
79. Obeidat SR, Khabour OF, **Alzoubi KH**, Mahasneh AM, Bibars AR, Khader YS, Alsa'di A. Prevalence, social acceptance, and awareness of waterpipe smoking among dental university students: a cross sectional survey conducted in Jordan. *BMC Res Notes.* 2014;7:832.
80. Mhaidat NM, **Alzoubi KH**, Khabour OF, Banihani MN, Al-Balas QA, Swaidan S. GRP78 regulates sensitivity of human colorectal cancer cells to DNA targeting agents. *Cytotechnology.* 2016 May;68(3):459-67.
81. Mayyas FA, Al-Jarrah MI, Ibrahim KS, **Alzoubi KH**. Level and significance of plasma myeloperoxidase and the neutrophil to lymphocyte ratio in patients with coronary artery disease. *Exp Ther Med.* 2014, 8(6):1951-1957
82. Mhaidat NM, Al-Wedyan TJ, **Alzoubi KH**, Al-Efan QM, Al-Azzam SI, Balas QA, Bataineh ZA. Measuring quality of life among colorectal cancer patients in Jordan. *J Palliat Care.* 2014;30(3):133-40.
83. Khabour OF, Alomari MA, **Alzoubi KH**, Gharaibeh MY, Alhashimi FH. Lack of Association between Polymorphisms of Hepatic Lipase with Lipid Profile in Young Jordanian Adults. *Lipid Insights.* 2014; 7:1-5.
84. Mhaidat NM, Al-Azzam SI, **Alzoubi KH**, Khabour OF, Gharaibeh BF. Granzyme B gene polymorphisms, colorectal cancer risk, and metastasis. *J Cancer Res Ther.* 2014;10(3):587-90
85. Alomari MA, Khabour OF, **Alzoubi KH**, Shqair DM, Eissenberg T. Central and peripheral cardiovascular changes immediately after waterpipe smoking. *Inhal Toxicol.* 2014, 26(10):579-87.
86. Al-Azzam SI, **Alzoubi KH**, Khabour OF, Al-Azzeh O. (2014) The Associations of Polymorphisms of TSH receptor and Thyroid Hormone receptor genes with L-Thyroxine Treatment in Hypothyroid Patients. *Hormones,* 13(3):389-97.
87. Al-Azzam SI, Khabour OF, **Alzoubi KH**, Alzayadeen RN. The effect of leptin promoter and leptin receptor gene polymorphisms on lipid profile among the diabetic population: modulations by atorvastatin treatment and environmental factors. *J Endocrinol Invest.* 2014, 37(9) 835-842.

88. Khabour OF, **Alzoubi KH**, Mfady DS, Alasseiri M, Hasheesh TF. Tempol protects human lymphocytes from genotoxicity induced by cisplatin. *Int J Clin Exp Med*. 2014;7(4):982-8
89. Jilani JA, Idkaidek NM, **Alzoubi KH**. (2014) Synthesis, *In Vitro* and *In Vivo* Evaluation of the N-ethoxycarbonylmorpholine Ester of Diclofenac as a Prodrug. *Pharmaceuticals (Basel)*. 7(4):453-63.
90. Abdo SA, Amood Al-Kamarany M, **Alzoubi KH**, Al-Maktari MT, Al-Baidani AH Primary headache in Yemen: prevalence and common medications used. *Neurol Res Int*. 2014:808126.
91. Mhaidat NM, Abu-zaiton A, Alzoubi KH, Alzoubi W, Alazab RS Antihyperglycemic Properties of Foeniculum Vulgare Extract in Streptozocin-Induced Diabetes in Rats. *International Journal of Pharmacology*. 2015 Jan;11(1):72-75.
92. Mhaidat NM, Alzoubi KH, Khabour OF, Alomari M, Matalkah A. Evaluation of Colchicine Effect on Cytokine Production from Peripheral Blood Mononuclear Cells of Type I Diabetes. *Jordan Journal of Pharmaceutical Sciences*, Volume 7, No. 2, 2014, 135-143.
93. Masadeh MM, **Alzoubi KH**, Al-Azzam SI, Al-Agedi HS, Abu Rashid BE, Mukattash TL. Public awareness regarding children vaccination in Jordan. *Hum Vaccin Immunother*. 2014;10(6):1762-6.
94. **Alzoubi KH**, Al-azzam SI, Alhusban A, Mukattash T, Al-Zubaidy S, Alomari N, Khader YS. An Audit on the Knowledge, Beliefs and Attitudes about the Uses and Side Effects of Antibiotics in Two Teaching Hospitals. *East Mediterr Health J*. 2013 May;19(5):478-84.
95. Primack BA, Khabour OF, **Alzoubi KA**, Switzer GE, Shensa A, Carroll MV, Azab M, Eissenberg T. (2014) The LWDS-10J: Reliability and Validity of the Lebanon Waterpipe Dependence Scale among University Students in Jordan. *Nicotine and Tobacco Research*. 16(7):915-22.
96. Hassan Z, Abdulrazzak R, **Alzoubi KH**. Comparison between the effect of propofol and midazolam on picrotoxin-induced convulsions in rat. *Physiol Behav*. 2014 Apr 10;128:114-8.
97. Al-Azzam SI, Khabour OF, **Alzoubi KH**, Ghanma MW, Alhasan AY. (2014) The role of TNF- α G-308A promoter polymorphism in glycemic control in Type 2 diabetes patients. *J of endocrinological Investigations* 37(2):113-8.
98. Al-Balas QA, Sowaileh MF, Hassan MA, Qandil AM, **Alzoubi KA**, Mhaidat NM, Almaaytah AM, Khabour OF. Novel N-substituted aminobenzamide scaffold derivatives targeting the dipeptidyl peptidase-IV enzyme. *Drug Des Devel Ther*. 2014 Jan 16;8:129-63.
99. Gharaibeh MY, **Alzoubi KH**, Khabour OF, Khader YS, Gharaibeh MA, Matarneh SK. (2014) Lead exposure among five distinct occupational groups: A comparative study. *Pak J Pharm Sci*. 27(1):39-43.
100. Masadeh MM, Alkofahi AS, **Alzoubi KH**, Tumah HN, Bani-Hani K. (2014) Anti-Helicobacter pylori activity of some Jordanian medicinal plants. *Pharm Biol*. 52(2):556-559
101. Mhaidat NM, **Alzoubi KH**, Al-Azzam SI, Alsaad AA. (2014) Caffeine inhibits paclitaxel-induced apoptosis in colorectal cancer cells through the upregulation of Mcl-1 levels. *Mol Med Rep*. 9(1):243-8.

102. **Alzoubi KH**, Khabour OF, Al-Azzam SI, Mayyas F. 2013, The role of multidrug resistance-1 (MDR1) variants in response to fexofenadine among Jordanians. *Int J Clin Pharmacol Ther.* 51(11):880-7.
103. **Alzoubi KH**, Khabour OF, Alhaidar IA, Aleisa AM, Alkadhi KA. (2013) Diabetes Impairs Synaptic Plasticity in the Superior Cervical Ganglion: Possible Role for BDNF and Oxidative Stress. *J Mol Neurosci.* 51(3):763-770
104. **Alzoubi KH**, Khabour OF, Hassan RE, Qarqaz F, Al-Azzam S, Mhaidat N. (2013) The effect of genetic polymorphisms of RARA gene on the adverse effects profile of isotretinoin-treated acne patients. *Int J Clin Pharmacol Ther.* 51(8):631-40
105. **Alzoubi KH**, Khabour OF, Salah HA, Hasan Z. (2013) Vitamin E prevents high-fat high-carbohydrates diet-induced memory impairment: The role of oxidative stress. *Physiol Behav.* 119:72-8
106. **Alzoubi KH**, Khabour OF, Jaber AG, Al-Azzam SI, Mhaidat NM, Masadeh MM. Tempol prevents genotoxicity induced by vorinostat: role of oxidative DNA damage. *Cytotechnology.* 2014 May;66(3):449-55.
107. **Alzoubi KH**, Khabour OF, Azab M, Shqair DM, Shihadeh A, Primack B, Eissenberg T. (2013) CO Exposure and Puff Topography are Associated with Lebanese Waterpipe Dependence Scale Score. *Nicotine Tob Res.* 15(10):1782-6
108. **Alzoubi KH**, Khabour OF, Tashtoush NH, Al-Azzam SI, Mhaidat NM. (2013) Evaluation of the effect of pentoxifylline on sleep-deprivation induced memory impairment. *Hippocampus.* 23(9):812-9.
109. **Alzoubi KH**, Khasawneh BY, Obeidat B, Asfoor S, Al-azzam SA. (2013) Awareness of patients who undergo cesarean section about venous thromboembolism prophylaxis. *Journal of Vascular Nursing* 31(1):15-20.
110. **Alzoubi KH**, Srivareerat M, Tran TT, Alkadhi KA. (2013) Role of $\alpha 7$ - and $\alpha 4\beta 2$ -nAChRs in the neuroprotective effect of nicotine in stress-induced impairment of hippocampus-dependent memory. *Int J Neuropsychopharmacol.* 16(5):1105-13
111. **Alzoubi KH**, Srivareerat M, Aleisa AM, Alkadhi KA (2013). Chronic Caffeine Treatment Prevents Stress-Induced LTP Impairment: the Critical Role of Phosphorylated CaMKII and BDNF. *J Mol Neurosci.* 49(1):11-20.
112. **Alzoubi KH**, Khabour OF, Salah HA, Abu Rashid BE. (2013) The Combined Effect of Sleep Deprivation and Western Diet on Spatial Learning and Memory: Role of BDNF and Oxidative Stress. *J Mol Neurosci.* 50(1):124-33.
113. **Alzoubi KH**, Abdul-Razzak KK, Khabour OF, Al-Tuweiq GM, Alzubi MA, Alkadhi KA. (2013) Caffeine prevents cognitive impairment induced by chronic psychosocial stress and/or high fat-high carbohydrate diet. *Behav Brain Res.* 237:7-14.
114. Al-Azzam SI, Alkhateeb AM, **Alzoubi KH**, Alzayadeen RN, Ababneh MA, Khabour OF. (2013) Atorvastatin treatment modulates the interaction between leptin and adiponectin, and the clinical parameters in patients with type II diabetes. *Exp Ther Med.* 6(6):1565-1569.
115. Mukattash TL, Nuseir KQ, Jarab AS, **Alzoubi KH**, Al-Azzam SI, Shara M. (2013) Sources of Information Used when Prescribing for Children, A Survey of Hospital Based Pediatricians. *Curr Clin Pharmacol.* *Curr Clin Pharmacol.* 2014;9(4):395-8.
116. Al-Azzam S, **Alzoubi KH**, Ayoub NM, Khader YS, Karasneh RA, Al-Husein BA, Al-Horani MA. An audit on public awareness of depression symptoms in Jordan. *Int J Occup Med Environ Health.* 2013 Aug;26(4):545-54.

117. Jilani JA, Shomaf M, **Alzoubi KH**. (2013) Synthesis and evaluation of mutual azo prodrug of 5-aminosalicylic acid linked to 2-phenylbenzoxazole-2-yl-5-acetic acid in ulcerative colitis. *Drug Des Devel Ther.* 7:691-8.
118. Masadeh MM, Gharaibeh SF, **Alzoubi KH**, Al-Azzam SI, Obeidat WM. (2013) Antimicrobial activity of common mouthwash solutions on multidrug-resistance bacterial biofilms. *J Clin Med Res.* 5(5):389-94.
119. Al-Azzam SI, Khabour OF, **Alzoubi KH**, Mukattash TL, Ghanma M, Saleh H. The role of adiponectin gene variants in glycemic control in patients with Type 2 diabetes. *Endocr Res.* 2014;39(1):13-7.
120. Al-Azzam SI, **Alzoubi KH**, Khabour OF, Tawalbeh D, Al-Azzeh O. The contribution of platelet glycoproteins (GPIa C807T and GPIb α C-5T) and cyclooxygenase 2 (COX-2G-765C) polymorphisms to platelet response in patients treated with aspirin. *Gene.* 2013;526(2):118-21.
121. Khabour OF, **Alzoubi KH**, Al-Azzam SI, Mhaidat NM. (2013) Frequency of MDR1 single nucleotide polymorphisms in a Jordanian population, including a novel variant. *Genetics and Molecular Research*;12(1):801-8
122. Khabour OF, Saleh N, **Alzoubi KH**, Hisaindee S, Al-Fyad D, Al-Kaabi L, Dodeen A, Esmadi FT. (2013) Genotoxicity of structurally related copper and zinc containing Schiff base complexes. *Drug Chem Toxicol.* 36(4):435-42
123. Alomari MA, Khabour OF, **Alzoubi KH**, Alzubi MA. (2013) Forced and voluntary exercises equally improve spatial learning and memory and hippocampal BDNF levels. *Behav Brain Res.*247:34-9
124. Masadeh MM, Mhaidat NM, **Alzoubi KH**, Hussein EI, Al-Trad EI. (2013) In vitro determination of the antibiotic susceptibility of biofilm-forming *Pseudomonas aeruginosa* and *Staphylococcus aureus*: possible role of proteolytic activity and membrane lipopolysaccharide. *Infect Drug Resist.* 6:27-32.
125. Masadeh MM, Alkofahi AS, Tumah HN, Mhaidat NM, **Alzoubi KH**. (2013) Antibacterial activity of some medicinal plants grown in Jordan. *Pakistan Journal of Pharmaceutical Sciences.* 26(2):267-70
126. Al-Azzam SI, **Alzoubi KH**, Abeeleh JA, Mhaidat NM, Abu-Abeeleh M. (2013) Effect of statin therapy on vaspin levels in type 2 diabetic patients. *Clin Pharmacol.* 5:33-8.
127. Al-Azzam SI, Shara M, **Alzoubi KH**, Almahasneh F, Iflaifel MH. (2013) Implementation of clinical pharmacy services at a university hospital in Jordan. *International Journal of Pharmacy Practice.* 21:337-340.
128. Al-Azzam SI, **Alzoubi KH**, Khabour OF, Nusair MB, Al-Hadidi H, Awidi A, Saleh A. (2013) Factors that contribute to clopidogrel resistance in cardiovascular disease patients: environmental and genetic approach. *International Journal of Clinical Pharmacology and Therapeutics.* 51(3):179-86.
129. Al-Azzam SI, Alkhateeb AM, Al-Azzeh O, **Alzoubi KH**, Khabour OF. (2013) The Role of Type II Deiodinase Polymorphisms in Clinical Management of Hypothyroid Patients Treated with Levothyroxine. *Exp Clin Endocrinol Diabetes* 121(5):300-5.
130. Khabour OF, Wehaibi SH, Al-Azzam SI, **Alzoubi KH**, El-Akawi ZJ. (2013) Association of Adiponectin with Hypertension in Type 2 Diabetic Patients: the Gender Effect. *Clin Exp Hypertens.* 35(5):361-6

131. Khabour OF, **Alzoubi KH**, Alomari MA, Alzubi MA. (2013). Changes in spatial memory and BDNF expression to simultaneous dietary restriction and forced exercise. *Brain Res Bull.* 90:19-24
132. Khabour OF, Abu-Haweleh L, **Alzoubi KH** (2013). Distribution of CCR-5 Δ 32, CCR2-64I And SDF-1-3'A Alleles Among Jordanians. *AIDS Res Hum Retroviruses.* 29(1):151-5.
133. Azab M, Khabour OF, **Alzoubi KH**, Anabtawi MM, Quttina M, Khader Y, Eissenberg T. (2013). Exposure of Pregnant Women to Waterpipe and Cigarette Smoke. *Nicotine Tob Res* 15(1):231-7.
134. Mayyas F, **Alzoubi KH**, Van Wagoner DR. Impact of aldosterone antagonists on the substrate for atrial fibrillation: Aldosterone promotes oxidative stress and atrial structural/electrical remodeling. *Int J Cardiol.* 2013;168(6):5135-42.
135. **Alzoubi KH**, Khabour OF, Abu Rashid B, Damaj IM, Salah HA (2012). The neuroprotective effect of vitamin E on chronic sleep deprivation-induced memory impairment: The role of oxidative stress. *Behav Brain Res.* 226(1):205-10.
136. **Alzoubi KH**, Khabour O, Hussain N, Al-Azzam S, Mhaidat N. (2012). Evaluation of vitamin B12 effects on DNA damage induced by pioglitazone. *Mutat Res.* 748(1-2):48-51.
137. Zoladz PR, Park CR, Halonen JD, Salim S, **Alzoubi KH**, Srivareerat M, Fleshner M, Alkadhi KA, Diamond DM (2012) Differential expression of molecular markers of synaptic plasticity in the hippocampus, prefrontal cortex, and amygdala in response to spatial learning, predator exposure, and stress-induced amnesia. *Hippocampus* 22(3):577-89.
138. Khabour OF, **Alzoubi KH**, Bani-Ahmad M, Dodin A, Eissenberg T, Shihadeh A. (2012) Acute exposure to waterpipe tobacco smoke induces changes in the oxidative and inflammatory markers in mouse lung. *Inhal Toxicol*;24(10):667-75.
139. Khabour OF, **Alzoubi KH**, Eissenberg T, Mehrotra P, Azab M, Carroll MV, Afifi RA, Primack BA. (2012). Waterpipe tobacco and cigarette smoking among university students in Jordan. *Int J Tuberc Lung Dis.* 16(7):986-92
140. Masadeh MM, Mhaidat NM, **Alzoubi KH**, Al-Azzam SI, Shaweesh AI. (2012) Ciprofloxacin-induced antibacterial activity is reversed by Vitamin E and Vitamin C. *Curr Microbiol.* 64(5):457-62.
141. Al Omari M, Khader Y, Al-Azzam SI, Dauod AS, Khassawneh AH, Alomari N, **Alzoubi KH**. (2012) Knowledge, attitudes and current practice of Jordanian family physicians about prescribing aspirin in primary and secondary prevention of vascular diseases: A self-reported survey. *Eur J Cardiovasc Nurs* 11(1):9-13.
142. Abdul-Razzak KK, **Alzoubi KH**, Abdo SA, Hananeh WM. (2012) High-dose vitamin C: Does it exacerbate the effect of psychosocial stress on liver? Biochemical and histological study. *Exp Toxicol Pathol* 64(4):367-71.
143. Al-Azzam SI, **Alzoubi KH**, Mhaidat NM, Haddadin RD, Masadeh MM, Tumah HN, Magableh A, Maraqa NK. (2012) Preoperative antibiotic prophylaxis practice and guideline adherence in Jordan: a multi-centre study in Jordanian hospitals. *J Infect Dev Ctries.* 6(10):715-20.
144. Masadeh M, Mhaidat N, **Alzoubi K**, Al-Azzam S, Alnasser Z. (2012) Antibacterial activity of statins: a comparative study of Atorvastatin, Simvastatin, and Rosuvastatin. *Ann Clin Microbiol Antimicrob.* 11(1):13

145. Bani Ismail Z, Abu-Baker N, **Alzoubi K**, Al-Zghoul M, Al-Essa MK, Khoulouf S, Al-Saleh A, Al-Omari B, Abu-Tayeh R, Shomaf M, Battah A, Al-Hadidi K. (2012) Evaluation of α -D-ribofuranose (D-ribose) toxicity after intravenous administration to rabbits. *Hum Exp Toxicol.* 31(8):820-9.
146. Gharaibeh MY, **Alzoubi KH**, Khabour OF, Tinawi L, Hamad R, Keewan E, Matarneh SK, Alomari M, (2012) Assessment of Cardiovascular Risk Factors Among University Students: The Gender Factor, *Cardiology Res* 3(4):172-179.
147. Alsatari ES, Azab M, Khabour OF, **Alzoubi KH**, Sadiq MF (2012). Assessment of DNA damage using chromosomal aberrations assay in lymphocytes of waterpipe smokers. *Int J Occup Med Environ Health.* 25(3):218-24.
148. Al-Azzam SI, **Alzoubi KH**, Khabour O, Alowidi A, Tawalbeh D. (2012). The prevalence and factors associated with aspirin resistance in patients premedicated with aspirin. *Acta Cardiol;* 67(4):445-8.
149. Al-Essa MK, Abu Baker N, **Alzoubi KH**, Al-Zhgoul MB, Khoulouf S, Al-Saleh A, Al-Omary B, Abu-Tayeh R, Shomaf M, Battah A, Al-Hadidi K, Bani Ismail Z. (2012) Evaluation of the Subacute Toxic Effects of an Isotonic D-ribose Solution Administered intravenously to Fischer Rats. *Jordan J. of Pharm. Sci.* 5(2): 111-119.
150. Masadeh MM, Mhaidat NM, **Alzoubi KH**, Hayajneh WA, Al-azzam SI, Al-zubi MI (2012) Flow cytometric analysis of antibiotics-induced growth inhibition of staphylococcus aureus and pseudomonas aeruginosa. *International Journal of Integrative Biology* 13(2): 88-92.
151. **Alzoubi KH**, Alhaider IA, Tran TT, Mosely A, Alkadhi KA (2011) Impaired Neural Transmission and Synaptic Plasticity in Superior Cervical Ganglia from beta-Amyloid Rat Model of Alzheimer's Disease. *Curr Alzheimer Res* 8(4):377-84.
152. Alazzam SI, **Alzoubi KH**, Al-Hambouth LT, Almahasneh F, Aburuz SM. (2011) No correlation exists between vitamin B12 and quality of life in healthy young adult population. *Eur Rev Med Pharmacol Sci.* 15(10):1176-81.
153. Kota D, Sanjakdar S, Marks MJ, Khabour O, **Alzoubi KH**, Damaj MI. (2011) Exploring behavioral and molecular mechanisms of nicotine reward in adolescent mice. *Biochem Pharmacol* 82(8):1008-14.
154. Aleisa AM, **Alzoubi KH**, Alkadhi KA. (2011) Post-learning REM sleep deprivation impairs long-term memory: Reversal by acute nicotine treatment. *Neurosci Lett.* 499(1):28-31.
155. Aleisa AM, Helal G, Alhaider IA, **Alzoubi KH**, Srivareerat M, Tran TT, Al-Rejaie SS, Alkadhi KA. (2011) Acute nicotine treatment prevents REM sleep deprivation-induced learning and memory impairment in rat. *Hippocampus* 21(8):899-909.
156. Masadeh MM, Mhaidat NM, Al-Azzam SI, **Alzoubi KH**, (2011), Investigation of the antibacterial activity of pioglitazone. *Drug Des Devel Ther.* 5:421-5.
157. Mhaidat NM, Al-Sweedan SA, **Alzoubi KH**, Alazzam SI, Banihani MN, Yasin MO, Masadeh MM (2011) Prevalence of depression among relatives of cancer patients in Jordan: a cross-sectional survey. *Palliat Support Care* 9:25-29.
158. Alkadhi KA, **Alzoubi KH**, Srivareerat M, Tran TT (2011) Chronic Psychosocial Stress Exacerbates Impairment of Synaptic Plasticity in beta-Amyloid Rat Model of Alzheimer's Disease: Prevention by Nicotine. *Curr Alzheimer Res.* 8(7):718-31.

159. Alkadhi KA, **Alzoubi KH**, Srivareerat M, Tran TT. Elevation of BACE in an Abeta rat model of Alzheimer's disease: exacerbation by chronic stress and prevention by nicotine. *Int J Neuropsychopharmacol*. 2012 Mar;15(2):223-33.
160. Khabour OF, Alsatari ES, Azab M, **Alzoubi KH**, Sadiq MF. Assessment of Genotoxicity of Waterpipe and Cigarette Smoking in Lymphocytes Using Sister-Chromatid Exchange Assay: A Comparative Study. *Environmental and Molecular Mutagenesis*. 2011;52(3):224-8.
161. Mhaidat NM, Alshogran OY, Khabour O, **Alzoubi KH**, Matalka II, Haddadin WJ, Mahasneh IO, Aldaher AN. (2011) Multi-drug resistance 1 genetic polymorphism and prediction of chemotherapy response in Hodgkin's Lymphoma. *J Exp Clin Cancer Res*. 30(1):68.
162. Al-Azzam SI, AlMahasneh F, Mhaidat N, **Alzoubi KH**, Khader YS. (2010) Prophylactic use of aspirin does not induce anaemia among adults. *Journal of Clinical Pharmacy and Therapeutics* 35(4):415-9.
163. Aburahma SK, Khader YS, **Alzoubi KH**, Sawalha N. (2010) Complementary and alternative medicine use in a pediatric neurology clinic. *Complementary therapies in clinical practice*. 16(3):117-20.
164. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2010) In vivo expression of ganglionic long-term potentiation in superior cervical ganglia from hypertensive aged rats. *Neurobiol Aging* 31(5):805-12.
165. **Alzoubi KH**, Hayajneh WA, Ayoub AM, Al-Safi SA, Al azzam SI, Mhaidat NM. (2010) Prevalence of Methicillin-resistant *staphylococcus aureus* (MRSA) at a Tertiary Hospital in North Jordan. *Jordan Journal of Pharmaceutical Sciences*; 3(1):37-43.
166. **Alzoubi KH**, Azab M, Khabour OF, Al-shamaila AW, Ayoub NM, Al-Omiri M, Al-Nasser A, Mhaidat NM, Al-Azzam SI. (2010) Smoking-cessation practice guidelines: awareness and implementation among medical teams. *IJPP* 18(2):93-9.
167. Azab M, Khabour OF, Alkaraki AK, Eissenberg T, **Alzoubi KH**, Primack BA. (2010) Water pipe tobacco smoking among university students in Jordan. *Nicotine and Tobacco Res*. 12(6):606-12.
168. Alhaider IA, Aleisa AM, Tran TT, **Alzoubi KH**, Alkadhi KA. (2010) Chronic caffeine treatment prevents sleep deprivation-induced impairment of cognitive function and synaptic plasticity. *Sleep* 33(4):437-44.
169. Gharaibeh, M.Y., Khabour, O.F., **Alzoubi, K**. Assay of serum dopamine- β -hydroxylase activity photometrically using batch adsorption chromatography. 2011 *International Journal of Integrative Biology* 12 (1):11-14
170. Khabour OF, Mesmar FS, Alatoum MA, Gharaibeh MY, **Alzoubi KH**. (2010) Associations of Polymorphisms in Adiponectin and Leptin Genes with Men Longevity. *The Aging Male* 13(3):188-93.
171. Al-Azzam SI, Al-Ajlony MJ, Al-Khateeb T, **Alzoubi KH**, Mhaidat NM, Ayoub AM. (2009) An Audit of the Precipitating Factors for Hemolytic Crisis among G6PD Deficient Pediatric Patients. *Journal of Medical Screening* 16(4):167-9.
172. Khabour OF, **Alzoubi KH**, Alomari MA, Alzubi MA. (2010). Changes in spatial memory and BDNF expression to concurrent dietary restriction and voluntary exercise. *Hippocampus*, 20(5):637-45.

173. **Alzoubi KH**, Abdul-Razzak KK, Khabour OF, Al-Tuweiq GM, Alzubi MA, Alkadhi KA. (2009). Adverse effect of combination of chronic psychosocial stress and high fat diet on hippocampus-dependent memory in rats. *Behav Brain Res.* 204(1):117-23.
174. **Alzoubi KH**, Mhaidat NM, Al azzam SI, Khader SY, Salem S, Issaifan H. Haddadin R (2009) Prevalence of migraine and tension-type headache among adults in Jordan. *The Journal of Headache and Pain* 10(4):265-70.
175. Mhaidat NM, **Alzoubi KH**, Al-Sweedan S, Alhusein BA. Prevalence of depression among cancer patients in Jordan: a national survey. *Support Care Cancer.* 2009 Nov;17(11):1403-7.
176. Azab M, Khabour OF, Al-Omari L, Alzubi MA, **Alzoubi K.** (2009) Effect of Every Other Day Fasting on Spontaneous Chromosomal Damage in Rats Bone Marrow Cells. *Journal of Toxicology and Environmental Health* 72(5):295-300
177. **Alzoubi KH**, Ayoub N, Al-Sakaji S, Al-azzam S, Mhaidat NM, Masadeh M. (2009); Awareness of bacterial resistance among physicians, pharmacists and nurses, *IJOMEH*, 22(4):363-72.
178. **Alzoubi KH**, Alkadhi KA (2009) Calmodulin and Guanylyl Cyclase Inhibitors Block the In vivo Expression of gLTP in Sympathetic Ganglia from Chronically Stressed Rats. *Neurosci. Res.* 63(2):95-9.
179. Srivareerat M, Tran TT, **Alzoubi KH**, Alkadhi KA (2009) Chronic psychosocial stress exacerbates impairment of cognition and LTP in a β -amyloid rat model of Alzheimer's disease. *Biological Psychiatry* 65(11):918-26.
180. **Alzoubi KH**, Gerges NZ, Aleisa AM, Alkadhi KA (2009) Levothyroxin restores Hypothyroidism-Induced Impairment of Hippocampus-dependent Learning and Memory: Behavioral, electrophysiological, and molecular studies. *Hippocampus* 19(1):66-78
181. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2008) Effect of chronic stress or nicotine on hypothyroidism-induced enhancement of LTD: Electrophysiological and molecular studies. *Neurobiol Dis.* 32(1):81-7.
182. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2008) Expression of gLTP in Sympathetic Ganglia of obese Zucker Rats: Molecular Evidence. *J Mol Neurosci.* 35(3):297-306.
183. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2008) Expression of gLTP in Sympathetic Ganglia from Stress-hypertensive Rats: Molecular Evidence. *J Mol Neurosci* 35(2):201-209.
184. **Alzoubi KH**, Rashdan A, AL-dayyat A, Al-Safi S (2007) Is Maintenance Acid Suppression Necessary to Reduce the Rate of Reinfection with *Helicobacter pylori*? *Hepatogastroenterology* 54(80), 2406-2409.
185. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2008) The sliding threshold of modification hypothesis: Application to the effect of hypothyroidism or chronic psychosocial stress and nicotine on synaptic plasticity. *Neurosci Lett.* 430(3):203-6
186. Alkadhi KA, Al-Hijailan RS, **Alzoubi KH** (2008), Long-term Depression in the superior cervical ganglion of the rat. *Brain Research.* 1234:25-31.
187. Khassawneh BY, Al-Ali MK, **Alzoubi KH**, Batarseh MZ, Al-Safi SA, Sharara AM, Alnasr HM (2008) Handling of inhaler devices in actual pulmonary practice: metered-dose inhaler versus dry powder inhalers. *Respir Care.* 53(3):324-328.
188. **Alzoubi KH**, Shatnawi NJ, Al-Sadi BM, Al-Safi SA, Abuirjeie MA (2008) Antibiotic Consumption and Development of Resistance among Gram-Negative Bacilli in

- Hospitalized Patients of King Abdullah University Hospital (KAUH) in North Jordan. *Jordan Journal of Pharmaceutical Sciences* 1:65-70.
189. **Alzoubi KH**, Alkadhi KA (2007) A critical role of CREB in the impairment of late-phase LTP by adult onset hypothyroidism. *Exp Neurol* 203(1):63-71.
 190. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2007) Nicotine prevents disruption of the late phase LTP-related molecular cascade in adult-onset hypothyroidism. *Hippocampus* 17(8):654-664.
 191. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2007) Adult-onset hypothyroidism facilitates and enhances LTD: reversal by chronic nicotine treatment. *Neurobiol Dis* 26(1):264-272.
 192. Alkadhi KA, **Alzoubi KH**. (2007) Role of long-term potentiation of sympathetic ganglia in psychosocial stress hypertension. *Clin Exp Hypertens*. Jul; 29(5):267-86.
 193. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2006) Molecular studies on the protective effect of nicotine in adult-onset hypothyroidism-induced impairment of long-term potentiation. *Hippocampus* 16(10):861-874.
 194. **Alzoubi KH**, Aleisa AM, Gerges NZ, Alkadhi KA (2006) Nicotine reverses adult-onset hypothyroidism-induced impairment of learning and memory: Behavioral and electrophysiological studies. *J Neurosci Res* 84(5):944-953.
 195. Aleisa AM, **Alzoubi KH**, Alkadhi KA (2006) Chronic but not acute nicotine treatment reverses stress-induced impairment of LTP in anesthetized rats. *Brain Res* 1097(1):78-84.
 196. Aleisa AM, **Alzoubi KH**, Alkadhi KA (2006) Nicotine prevents stress-induced enhancement of long-term depression in hippocampal area CA1: electrophysiological and molecular studies. *J Neurosci Res* 83:309-317.
 197. Aleisa AM, **Alzoubi KH**, Gerges NZ, Alkadhi KA (2006) Chronic psychosocial stress-induced impairment of hippocampal LTP: possible role of BDNF. *Neurobiol Dis* 22(3):453-462.
 198. Aleisa AM, **Alzoubi KH**, Gerges NZ, Alkadhi KA (2006) Nicotine blocks stress-induced impairment of spatial memory and long-term potentiation of the hippocampal CA1 region. *Int J Neuropsychopharmacol* 9(4):417-426.
 199. Alkadhi KA, **Alzoubi KH**, Aleisa AM (2005) Plasticity of synaptic transmission in autonomic ganglia. *Prog Neurobiol* 75(2):83-108.
 200. **Alzoubi KH**, Aleisa AM, Alkadhi KA (2005) Impairment of long-term potentiation in the CA1, but not dentate gyrus, of the hippocampus in Obese Zucker rats: role of calcineurin and phosphorylated CaMKII. *J Mol Neurosci* 27(3):337-346.
 201. **Alzoubi KH**, Gerges NZ, Alkadhi KA (2005) Levothyroxin restores hypothyroidism-induced impairment of LTP of hippocampal CA1: electrophysiological and molecular studies. *Exp Neurol* 195(2):330-341.
 202. Alkadhi KA, **Alzoubi KH**, Aleisa AM, Tanner FL, Nimer AS (2005) Psychosocial stress-induced hypertension results from in vivo expression of long-term potentiation in rat sympathetic ganglia. *Neurobiol Dis* 20(3):849-857.
 203. Gerges NZ, **Alzoubi KH**, Alkadhi KA (2005) Role of phosphorylated CaMKII and calcineurin in the differential effect of hypothyroidism on LTP of CA1 and dentate gyrus. *Hippocampus* 15(4):480-490.
 204. **Alzoubi KH**, Bedawi AS, Aleisa AM, Alkadhi KA (2004) Hypothyroidism impairs long-term potentiation in sympathetic ganglia: electrophysiologic and molecular studies. *J Neurosci Res* 78(3):393-402.

205. Gerges NZ, **Alzoubi KH**, Park CR, Diamond DM, Alkadhi KA (2004) Adverse effect of the combination of hypothyroidism and chronic psychosocial stress on hippocampus-dependent memory in rats. *Behav Brain Res* 155(1):77-84.
206. Mhaidat NM, Massadeh A, Alzoubi KH, Al-jarrah M, Hatuqai S, Shoter A. Investigating role of Statins in preventing doxorubicin-induced cardiotoxicity in rats. *International Journal of Integrative Biology*, 2016, 17(1),1-6

Book Chapters:

1. Alkadhi KA, **Alzoubi KH**. (2014) Abnormal Brain Activity Triggers Long-Term Potentiation in Sympathetic Ganglia: Implication for Sudden Death. In: *Sudden Death in Epilepsy: Forensic and Clinical Issues* by Lather CM et al, 2st ed, Taylor and Francis.
2. Alkadhi KA, Salim SS, and **Alzoubi KA** (2012). Prevention of Brain Disorders by Nicotine. In: *Handbook of natural products* by K.G. Ramawat, 1st ed, Springer-Verlag Berlin Heidelberg.
3. Alkadhi KA, Zagaar MA, Alhaider IA, **Alzoubi KH** (2012). Neuroprotective Effects of Caffeine in Sleep Deprivation. In: *Food and Nutritional Components in Focus No. 2. Caffeine: Chemistry, Analysis, Function and Effects* Edited by Victor R Preedy. The Royal Society of Chemistry, London, UK
4. Alkadhi KA, **Alzoubi KH**. (2010) Synaptic plasticity of autonomic ganglia: implementation in cardiovascular disease and sudden death. In: *Sudden Death in Epilepsy: Forensic and Clinical Issues* by Lather CM, Schraeder PL, Bungo MW and Leestma JE, 1st ed, Taylor and Francis.

Conference Presentations and Abstracts:

1. **Alzoubi KH**, Omar Khabour, Hythem Daradka, Rima Nakkash, Thomas Eissenberg. Cigarettes Tobacco and Waterpipe Use among Taibah University Students in Medina of Saudi Arabia: The Impact of Tobacco Sales Ban, Society for Research on Nicotine and Tobacco Annual meeting. Feb 20-24, 2018 Baltimore, VA, USA.
2. Muhamad Ali Shakhathreh, Omar Khabour, **Alzoubi KH**, Majed Masadeh, Emad Hussein, George Bshara, Impact and Influence of Waterpipe Tobacco Smoking on Bacterial Oral Flora. Society for Research on Nicotine and Tobacco Annual meeting. Feb 20-24, 2018 Baltimore, VA, USA.
3. Omar Khabour, Salsabeel Sabi, **Alzoubi KH**, Caroline Cobb, Thomas Eissenberg. Promotor Hypermethylation of P-53 and PAR52 in Blood Lymphocytes and Oral Epithelial Cells is Associated with Waterpipe Smoking. Society for Research on Nicotine and Tobacco Annual meeting. Feb 20-24, 2018 Baltimore, VA, USA.
4. **Alzoubi KH**, Protection of Neurodegenerative Diseases Induced Memory Impairment via Novel Pharmaceutical Agents, International Conference and Advanced Neuroscience School in Neurodegenerative Disorders: Translation into Clinical Neurology”, Jordan University of Science and Technology (JUST), November 19-24, 2017. Irbid, Jordan.

5. **Alzoubi KH**, Al Subeh Z, Khabour OF. Evaluating the protective effect of etazolate on anxiety- and depression- like behavior and cognitive impairment induced by post traumatic stress disorder. Society for Neuroscience Meeting 2017, November 11-15, Washington, DC, USA.
6. **Alzoubi KH**, Alkadhi KA. L-Thyroxine normalizes hypothyroidism-induced suppression of CaMKII pathway during hippocampus-dependent learning and memory processes. Society for Neuroscience Meeting 2017, November 11-15, Washington, DC, USA.
7. **Alzoubi KH**, Omar F. Khabour, Thomas E. Eissenberg, Epigenetic Changes Induced by Waterpipe Smoking in The Hippocampus, Third International Conference on Waterpipe Tobacco Smoking Research, "Translating waterpipe tobacco smoking research evidence into practice, policy and regulation", 10-11 Nov, 2017, Beirut, Lebanon
8. **Alzoubi KH**, Protection of Neurodegenerative Diseases Induced Memory Impairment via Novel Pharmaceutical Agents, 4rd Middle East Molecular Biology Congress and Exhibition. Zayed University, 01-04 Nov.2017– Abu Dhabi, UAE.
9. Nusier KQ, **Alzoubi KH**, Azzani, M. The long-term effects of saccharin-induced analgesia in infancy on learning and memory during adulthood in rats: role of endogenous opioid system. Society for Neuroscience Meeting 2016, November 11-16, San Diego, CA, USA.
10. **Alzoubi KH**, Protection of Disease/Conditions Induced Memory Impairment by Novel Pharmaceutical Agents: Novel mechanism of action, 3rd Middle East Molecular Biology Congress and Exhibition. Research Complex – Qatar University, 14-17 Nov.2016– Doha, Qatar.
11. **Alzoubi KH**, Alkofahi AS, Khabour OF, Mhaidat NM. The antimutagenic activity of selected medicinal plants from Jordan. The First International Conference on Pharmaceutical Chemistry-September 05-07-2016 Frankfurt, Germany.
12. **Alzoubi KH**, Khabour OF, Alomari M., Halpoub A., Shihadeh A, Eissenberg T, The beneficial effect of vitamin E in memory impairment induced by waterpipe smoke exposure. Society for Research on Nicotine and Tobacco-Europe meeting. September 8-10, 2016 Prague, Czech Republic.
13. **Alzoubi KH**, Alkofahi AS, Khabour OF, Mhaidat NM. Screening of Selected Medicinal Plants from Jordan for their Protective Properties against Oxidative DNA Damage. A Matter of Life or Death: Mechanisms and Relevance of Cell Death for Cancer Biology and Treatment. An EACR conference. 28 30 Jan 2016, Amsterdam, Netherland.
14. **Alzoubi KH**, and Alkadhi KA. Evaluation the effect of tempol on learning and memory impairment induced by sleep deprivation. Society for Neuroscience Meeting 2015, October 17-21, Chicago, DC, USA.
15. Nusier KQ, **Alzoubi KH**, Bawaane, A. Involvement of endogenous opioid system in sucrose-induced analgesia during infancy and long-term effects on learning and memory during adulthood in rats. Society for Neuroscience Meeting 2015, October 17-21, Chicago, DC, USA.
16. Khabour OF, **Alzoubi KH**, Mayyas F, Bani Salameh F., and Mhaidat N. Melatonin prevents memory impairment induced by chronic sleep deprivation. Society for Neuroscience Meeting 2015, October 17-21, Chicago, DC, USA.
17. **Alzoubi KH**. Handling of inhaler in actual pulmonary practice: Metered dose inhaler versus dry powder inhalers. Second MENA regulatory conference on bioequivalence

biowaviers and Bioanalysis biodissolutions and biosimilars. 15-17 September 2015, Amman, Jordan.

18. **Alzoubi KH**, Alkofahi AS, Khabour OF. Screening of the Antioxidative DNA damage activity of some medicinal plants from Jordan. 2nd Mediterranean Symposium on Medicinal and Aromatic Plants, April 22-25, 2015. Antalya, Turkey.
19. Abu Basha E, **Alzoubi KH**, Alsmady M, Solaiman, A, HSU W, Effect of *Ceratonia Sliqua* and *peganum Haemala* extracts on blood glucose level on normal and diabetic rats. 2nd Mediterranean Symposium on Medicinal and Aromatic Plants, April 22-25, 2015. Antalya, Turkey.
20. **Alzoubi KH**, Khabour O, Harahsha E. The effect of waterpipe tobacco smoke exposure on learning and memory functions. Society for Neuroscience Meeting 2014, November 14-19, Washington, DC, USA.
21. Khabour O, **Alzoubi KH**, Albawaani A. Evaluation the effect of tempol on learning and memory impairment induced by sleep deprivation. Society for Neuroscience Meeting 2014, November 14-19, Washington, DC, USA.
22. Nuseir K, **Alzoubi KH**, Alabwaini J. Assessment of the effect of sweet solution-induces analgesia in neonatal rats on acute pain threshold and cognitive functions during adulthood. Society for Neuroscience Meeting 2014, November 14-19, Washington, DC, USA.
23. **Alzoubi KH**, Protection of Disease/Conditions Induced Memory Impairment by Novel Pharmaceutical Agents, The World Academy of Science (TWAS) 25th General Meeting, Muscat, Sultanate of Oman 25-29 October 2014.
24. **Alzoubi KH**, Alali FQ, Khabour OK, Malkawi B. The Neuroprotective Effect of Arbutus Andrachne L. on Chronic Sleep Deprivation-induced Memory Impairment: The Role of Oxidative Stress. The 6th Conference of the Jordanian Society for Scientific Research, November 23/2013, Amman, Jordan.
25. **Alzoubi KH**, Khabour OK, Al-azzam S. The Role of Multidrug Resistance-1 (MDR1) Variants in Response to Atorvastatin among Jordanians. The 63 Annual Meeting of the American Society for Human Genetics. October 22-26/2013 Boston, MA, USA.
26. Khabour OK, Alomari M, **Alzoubi KH**, Garaibeh M. Alhashimi F. Distribution of hepatic lipase C-514T and G-250A polymorphisms and their association with plasma lipid profile in young Jordanians. The 63 Annual Meeting of the American Society for Human Genetics. October 22-26/2013 Boston, MA, USA.
27. Khabour OK. **Alzoubi KH**, Khader M. Evaluation of vitamin B12 effects on DNA damage induced by Paclitaxel. The 62 Annual Meeting of the American Society for Human Genetics. November 6-10/2012 San Francisco, CA, USA.
28. **Alzoubi KH**, Khabour OF, Azab M, Shqair D, Shihadeh A, Primack B, Eissenberg T, Co exposure and puff topography among Jordanian waterpipe tobacco smokers: Correlation with level of dependence. Society for Research on Nicotine and Tobacco Annual meeting. March 13-16, 2013 Boston, MA, USA.
29. Khabour OF, **Alzoubi KH**, Azab M, Primack B, Eissenberg T. Waterpipe tobacco smoking among university students in Jordan. Society for Research on Nicotine and Tobacco Annual meeting. March 13-16, 2013 Boston, MA, USA.
30. **Alzoubi KH**, Khabour OK, Hussain N, Al-azzam S, Mhaidat N. Evaluation of Vitamin B12 Effects on DNA Damage Induced by Pioglitazone. The 62 Annual Meeting of the American Society for Human Genetics. November 6-10/2012 San Francisco, CA, USA.

31. **Alzoubi KH**. Comparative studies in Smoking cessation pharmacotherapy. The 14th Jordanian Pharmacy Conference 26-28 April 2012 in Amman, Jordan.
32. Khabour OF, **Alzoubi KH**, Azab M, Eissenberg T, Mehrotra P, Carroll M, Primack PA, Afifi R, Waterpipe tobacco and cigarettes smoking in Jordan. Society for Research on Nicotine and Tobacco Annual meeting. March 13-16, 2012 Houston, Texas, USA.
33. Alsatari ES, **Alzoubi KH**, Azab M, Khabour OF, Sadiq MF. Assessment of DNA damage in lymphocytes of waterpipe smokers. 2012 Society for Research on Nicotine and Tobacco Annual meeting. March 13-16, 2012 Houston, Texas, USA.
34. **Alzoubi KH**. M. Srivareerat, AM Aleisa. KA Alkadhi. Chronic caffeine treatment prevents stress-induced LTP impairment: The critical role of phosphorylated CaMKII and BDNF. Society for Neuroscience Meeting 2011, November 12-16, Washington, DC, USA.
35. KA Alkadhi, **Alzoubi KH**. M. Srivareerat, Tran TT, AM Aleisa. Role of $\alpha 7$ - and $\alpha 4\beta 2$ -nAChRs in the neuroprotective effect of nicotine in chronic stress-induced impairment of hippocampus-dependent memory. Society for Neuroscience Meeting 2011, November 12-16, Washington, DC, USA.
36. Khabour OF, **Alzoubi KH**. Abu Rashid B. The neuroprotective effect of vitamin E in chronic sleep deprivation-induced memory impairment: The molecular role of BDNF and oxidative stress biomarkers. Society for Neuroscience Meeting 2011, November 12-16, Washington, DC, USA.
37. Khabour OF, Wehaibi S, Al-Azzam SI, **Alzoubi KH**, Association of Adiponectin And Leptin Gene Polymorphisms With Hypertension In Type 2 Diabetic Patients. The 61st Annual Meeting of the American Society for Human Genetics. October 11-15/2011 Montreal, Canada.
38. Dao A, Srivareerat M, Tran TT, **Alzoubi KH**, Alkadhi KA, Nicotine prevents and stress intensifies impairment of late phase LTP in beta-amyloid rat model of Alzheimer's disease. Society for Neuroscience Meeting 2010, November 13-17, San Diego, CA, USA.
39. **Alzoubi KH**, Khabour OF, Abdo SA, Alzubi MA, Abdul-Razzak KK, Study of the effect of vitamin C on chronic stress-induced cognitive impairment. Society for Neuroscience Meeting 2010, November 13-17, San Diego, CA, USA.
40. **KH Alzoubi**, OF Khabour, LJ Abu-Haweleh. Distribution of CCR-5 Δ 32, CCR2-64I and SDF1-3'A alleles that modulate drug-response and HIV infection among Jordanians. The 60th Annual Meeting of the American Society for Human Genetics. November 2-6/2010 Washington, DC., USA
41. **K. H. Alzoubi**, K. Abdul-razzak, O. Khabour, G. Al-tuweiq, K. Alkadhi. Chronic caffeine administration prevents stress-induced impairment of hippocampus-dependent memory. . The Fifth International Conference of The Royal Medical Services. 3-6 May 2010 at Dead Sea, Amman, Jordan.
42. **K. H. Alzoubi**, K. Abdul-razzak, O. Khabour, G. Al-tuweiq, K. Alkadhi. Chronic caffeine administration prevents high fat diet-induced impairment of hippocampus-dependent learning and memory. Society for Neuroscience Meeting 2009, November 13-17, Chicago, IL, USA.
43. Alkadhi KA, **Alzoubi KH**, Alhaidar I, Aleisa AM. Streptozotocin-induced diabetes impairs ganglionic transmission and synaptic plasticity in the superior cervical ganglion. Society for Neuroscience Meeting 2009, November 13-17, Chicago, IL, USA.

44. Khabour OF, **Alzoubi KH**, Alomari MA, Alzubi MA, Mesmar SM. Changes in spatial memory, BDNF and IGF-I expression to simultaneous dietary restriction and forced exercise. Society for Neuroscience Meeting 2009, November 13-17, Chicago, IL, USA.
45. I. A. Alhaider, T.T. Tran, A. M. Aleisa, **K. H. Alzoubi**, K. A. Alkadhi. Effect of caffeine on cognitive deficits in acutely sleep deprived rats: electrophysiological and molecular evidence. Society for Neuroscience meeting 2009, November 13-17, Chicago, IL, USA.
46. **K. H. Alzoubi**, K. Abdul-razzak, O. Khabour, G. Al-tuweiq, K. Alkadhi, Chronic caffeine administration prevents stress-induced impairment of hippocampus-dependent memory. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
47. A. M. Aleisa, **K. H. Alzoubi**, I. A. Alhaider, , M. Srivareerat, T. T. Tran, , K. A. Alkadhi Nicotine treatment reverses sleep deprivation-induced impairment of LTP in anesthetized rats. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
48. M. Srivareerat, **K.H. Alzoubi**, P.R. Zoladz, C.R. Park, J.D. Halonen, K.A. Alkadhi, D.M. Diamond. Differential expression of CaMKII, BDNF, and calcineurin in the hippocampus and amygdala in response to spatial learning and predator stress-induced amnesia. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
49. I. A. Alhaider, A. M. Aleisa, T. T. Tran, M. Srivareerat, **K. H. Alzoubi**, K. A. Alkadhi. Caffeine prevented the impairment of the spatial learning and memory induced by sleep deprivation. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
50. Alkadhi KA, **Alzoubi KH**, Alhaider I, Aleisa AM, Srivareerat M. Chronic i.c.v infusion of β -amyloid impairs ganglionic transmission and synaptic plasticity in the superior cervical ganglion. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
51. O. F. Khabour, **K. H. Alzoubi**, M. Alomari, M. Alzoubi. The combined effect of diet and exercise on memory formation and expression of BDNF. Society for Neuroscience meeting 2008, November 15-19, Washington, DC: USA.
52. **K.H. Alzoubi**, A.M. Aleisa and K.A. Alkadhi. Expression of ganglionic long-term potentiation in sympathetic ganglia of Obese-Zucker rats in vivo: a new mechanism for hypertension. The Fourth International Conference of The Royal Medical Services 12-15 May 2008 in Amman. Jordan.
53. **K. H. Alzoubi**, A. M. Aleisa and K. A. Alkadhi. Expression of gLTP in sympathetic ganglia from stress-hypertensive rats: Molecular evidence. The 12th Jordanian Pharmacy Conference and the 26th Pan Arab Pharmaceutical Conference 10-12 April 2008 in Amman, Jordan.
54. **K. H. Alzoubi**, A. M. Aleisa, K. A. Alkadhi. Levothyroxin restores hypothyroidism-induced impairment of hippocampus-dependent learning and memory. Society for Neuroscience meeting 2007, November 9-7, San Diego, California: USA.
55. M. Srivareerat, T.T. Tran, **K. H. Alzoubi**, K. A. Alkadhi. Nicotine antagonizes stress and beta-amyloid-induced impairment of synaptic plasticity. Society for Neuroscience meeting 2007, November 9-7, San Diego, California: USA.
56. A. M. Aleisa, G. Helali, S. Attiai, A. Alhosaini, K. Alhosaini, K. A. Alkadhi, **K. H. Alzoubi**, S. Alrejaiei, O. Alshabanahi, A. Alhaider. Sleep deprivation-induced impairment of learning and memory in rats: possible protection by nicotine. Society for Neuroscience meeting 2007, November 9-7, San Diego, California: USA.

57. **K. H. Alzoubi**, A. M. Aleisa, K. A. Alkadhi. Hypothyroidism-induced enhancement of LTD: reversal by nicotine and possible role of NMDA receptors. Society for Neuroscience meeting 2006, October 14-18, Atlanta, Georgia: USA.
58. **K.H. Alzoubi**, K.A. Alkadhi, A.M. Aleisa. In vivo expression of ganglionic long-term potentiation in superior cervical ganglia from aged rats. Jordanian International Pharmaceutical Conference 2006 at Al-Zaytoonah Private University of Jordan, Amman, Jordan, Nov 2006.
59. **K.H. Alzoubi**, A.M. Aleisa, K.A. Alkadhi. Chronic nicotine treatment restores hypothyroidism induced L-LTP impairment: critical role of CREB. Society for Neuroscience Meeting 2005, November 12-16, Washington, DC, USA.
60. T.T. Tran, A.M. Aleisa, **K.H. Alzoubi**, K.A. Alkadhi. Chronic but not acute nicotine treatment reverses stress-induced impairment of LTP in anesthetized rats. Society for Neuroscience Meeting 2005, November 12-16, Washington, DC, USA.
61. M. Srivareerat, **K.H. Alzoubi**, T.T. Tran, K.A. Alkadhi. Adverse effect of chronic stress on alzheimer's induced impairment of hippocampus dependent learning and memory. Society for Neuroscience Meeting 2005, November 12-16, Washington, DC, USA.
62. Aleisa AM; **Alzoubi KH**; Gerges NZ and KA Alkadhi. Chronic nicotine treatment prevents stress-induced impairment of LTP: a possible involvement of protein kinase activation. Society for Neuroscience Meeting 2005, November 12-16, Washington, DC, USA.
63. **K.H. Alzoubi**, A.M. Aleisa, N.Z. Gerges, K.A. Alkadhi. Chronic nicotine treatment reverses hypothyroidism-induced LTP impairment: the critical role of phosphorylated CaMKII and BDNF. Society for Neuroscience Meeting 2004, October 23-27, San Diego, CA, USA.
64. **K.H. Alzoubi**, A.M. Aleisa, K. A. Alkadhi. Differential effects of synaptic plasticity in CA1 but not DG of the hippocampus in obese-zucker rat: Role of calcineurin and phosphorylated CaMKII. Abstract # 33:2005, Sigma Xi Research Day: The Scientific Research Society, University of Houston Chapter, Houston, TX, USA.
65. A.M. Aleisa, **K.H. Alzoubi**, A.S. Bedawi, K.A. Alkadhi. Chronic nicotine treatment prevents stress-induced LTD enhancement: a critical role of BDNF. Society for Neuroscience Meeting 2004, October 23-27, San Diego, CA, USA.
66. K.A. Alkadhi, **K.H. Alzoubi**, A.M. Aleisa. The critical role of CREB in hypothyroidism induced L-LTP impairment. Society for Neuroscience Meeting 2004, October 23-27, San Diego, CA, USA.
67. **Alzoubi KH**; Aleisa AM; Bedawi AS and KA Alkadhi. Chronic Nicotine Treatment Reverses Hypothyroidism-Induced Impairment of hippocampus-dependent learning and memory. Abstract # 46:2004, Sigma Xi Research Day: The Scientific Research Society, University of Houston Chapter, Houston, TX, USA
68. **Alzoubi KH**; Aleisa AM; Bedawi AS and KA Alkadhi. Chronic Nicotine Treatment Reverses Hypothyroidism-Induced Impairment of hippocampus-dependent learning and memory. Society for Neuroscience Meeting 2003, November 4-9, New Orleans, Louisiana, USA.
69. Alkadhi KA; **Alzoubi KH**; Gerges NZ. Spatial learning and memory are associated with increased CaMKII (phosphorylated and total) levels in hippocampal CA1 area. Society for Neuroscience Meeting 2003, November 4-9, New Orleans, Louisiana, USA.

70. Aleisa AM; **Alzoubi KH**; Gerges NZ and KA Alkadhi. Chronic Nicotine Treatment prevents stress-Induced short-term memory impairment. Society for Neuroscience Meeting 2003, November 4-9, New Orleans, Louisiana, USA.
71. Aleisa AM; **Alzoubi KH**; Gerges NZ and KA Alkadhi. Chronic Nicotine Treatment Reverses Hypothyroidism-Induced Impairment of LTP in CA1 of Anesthetized Rats. Society for Neuroscience Meeting 2002, November 2-7, Orlando, Florida, USA.

Press Coverage of Published Research:

1. Vitamin E May Ease Memory Problems From Lack Of Sleep” Rat Study at <http://www.nutraingredients-usa.com>. November-2011.
2. Vitamin E May Ease Memory Problems From Lack Of Sleep” Rat Study at <http://www.vitaenaturals.com/node/383> November-2011.
3. Vitamin E May Ease Memory Problems From Lack Of Sleep” Rat Study at <http://www.selfgrowth.com/articles/vitamin-e-may-help-ease-memory-problems-associated-with-lack-of-sleep> November-2011.
4. Vitamin E May Ease Memory Problems From Lack Of Sleep” Rat Study at <http://www.drcutler.com/news/vitamin-e-may-support-memory-functions-800642363/> November-2011.
5. Back to the Future: Using Inhalers Correctly by Roth BJ. *Respir Care* 53, March 2008
6. New studies find that Nicotine, or similar substance, may improves memory, protect against disease; one day may find use as treatment for disorders, News Release, Society For Neuroscience, WA, U.S.A, November- 11-2003
7. UH researchers find neurological benefits in nicotine, Immediate Press Release, University of Houston, Houston, Texas, USA, November-11-2003
8. UH researchers find neurological benefits in nicotine, Press Release, Houston Business Journal, The American City Business Journal *Inc.*, USA, November-14-2003
9. Nicotine may improve memory and protect against disease: Study Press Release, Science Daily LLC at www.sciencedaily.com, November-12-2003
10. Nicotine may improve memory and protect against disease: Study Press Release, Yahoo India News, November-12-2003
11. Nicotine metabolite may improve memory, protect against disease, Public Press Release, www.eurekalert.org, November-11-2003
12. Nicotine improves memory, and helps brain repair itself, Press Release, www.scienceagogo.com, November-13-2003
13. New studies find that Nicotine, or similar substance, may improves memory, protect against disease; one day may find use as treatment for disorders, Press Release, www.intelihealth.com, November-12-2003
14. Nicotine metabolite may improve memory, Press Release , www.rednova.com, November- 13-2003
15. Drugs and stress have variety of effects on brain development, Press Release, www.futurepundit.com, November-12-2003
16. Nicotine for nerves, Press Release , www.inpharma.com, November-17-2003