

Position:

DATE	POSITION	ORGANIZATION	COUNTRY
2008-Present	Associate Professor,	Plant tissue culture Lab , Pathology and Laboratory Diagnosis, Qassim University	Qassim Saudi Arabia
2019-2024	Consultant	Aljohara Farms for agriculture service Co. Ltd. For hydroponic Green House Project (GHP)	AL Khobar , Saudi Arabia
2007-Persnet	CEO & Owner	Pharm Research MD. Co. Ltd (PRMD) for Radiotherapy technology	Dammam , Saudi Arabia.
2016-2024	CEO	Plant Technology Co. Ltd & GDI for Plant tissue culture Lab.	Al Khobar , Saudi Arabia.
2020-2023	Consultant	ISO 22000:2018 at Aljohara Farms for agriculture service Co. Ltd (	
2019-2021	Consultant	Clinical Diagnosis Laboratories for 16 Labs. at MEWA	All Cities , Saudi Arabia
2018-2020	Consultant	ISO 17025 :2015 at MEWA	Riyadh , Saudi Arabia.
2018-2020	Director	Toxicology Laboratory at MEWA	Riyadh , Saudi Arabia.
2017-2018	Director	Institutional Review Board (IRB) at Qassim University	Qassim, Saudi Arabia.
2007-2017	Director	Clinical Research Laboratory, Saad Specialist Hospital, Tissue Culture	Al Khobar, Saudi Arabia.
2015-2016	Advisor	Stem Cells Banking and Engineering at KFSH-D	Dammam, Saudi Arabia
2013-2015	Supervisor	National Stem Cell Technology at King Abdul-Aziz City for Science & Technology (KACST)	Riyadh, Saudi Arabia
2013-2016	Director	Translational Stem Cell Research (TSCR) at KACST	Riyadh , Saudi Arabia
2014-2016	Chairman	Departments Veterinary Department., Qassim University	Qassim, Saudi Arabia.
2008-Present	Professor,	Medical Laboratories, Qassim University	Qassim Saudi Arabia
2008-Present	Reviewer at	King Abdul-Aziz City for Science a& Technology (KACST)	Al Khobar , Saudi Arabia
2008-2015	Visiting Professor,	Urology Department, School of Medicine & Tianjin Institute.	Tianjin, China.
2006-2007	Researcher in Translation al	Departments of Surgery, School of Medicine, University of Michigan	Ann Arbor, MI, USA.
2004-2006	Assistant Professor	Departments of Pathology and Laboratory of Medicine.School of Medicine and Dentistry,	University of Rochester, Rochester, New York, USA
2008-Present	Associate Professor,	Veterinary Department, Qassim University	Qassim Saudi Arabia

Education:

DATE	CERTIFICATE	ORGANITION	COUNTRY
2007	Certificate in Laboratory Management and Leadership	University of California, Davis	California. USA
2004	Ph.D. in Pathology (MolecularOncology and Immunology).	Departments of Pathology and Laboratory ofMedicine. School of Medicine and Dentistry, University of Rochester,	Rochester, New York. USA
2003	Master of Science (MS) in Pathology and Laboratory of Medicine	School of Medicine and Dentistry, University of Rochester,	Rochester, New York. USA
1999	Master of Science in Immunology(MS).	Department of Microbiology and Immunology,School of Medicine, and Dentistry University of Rochester	Rochester, New York. USA
1993	Doctorate in Veterinarian Medicine (DVM).	School of Veterinarian Medicine, King Saud University,	Saudi Arabia.

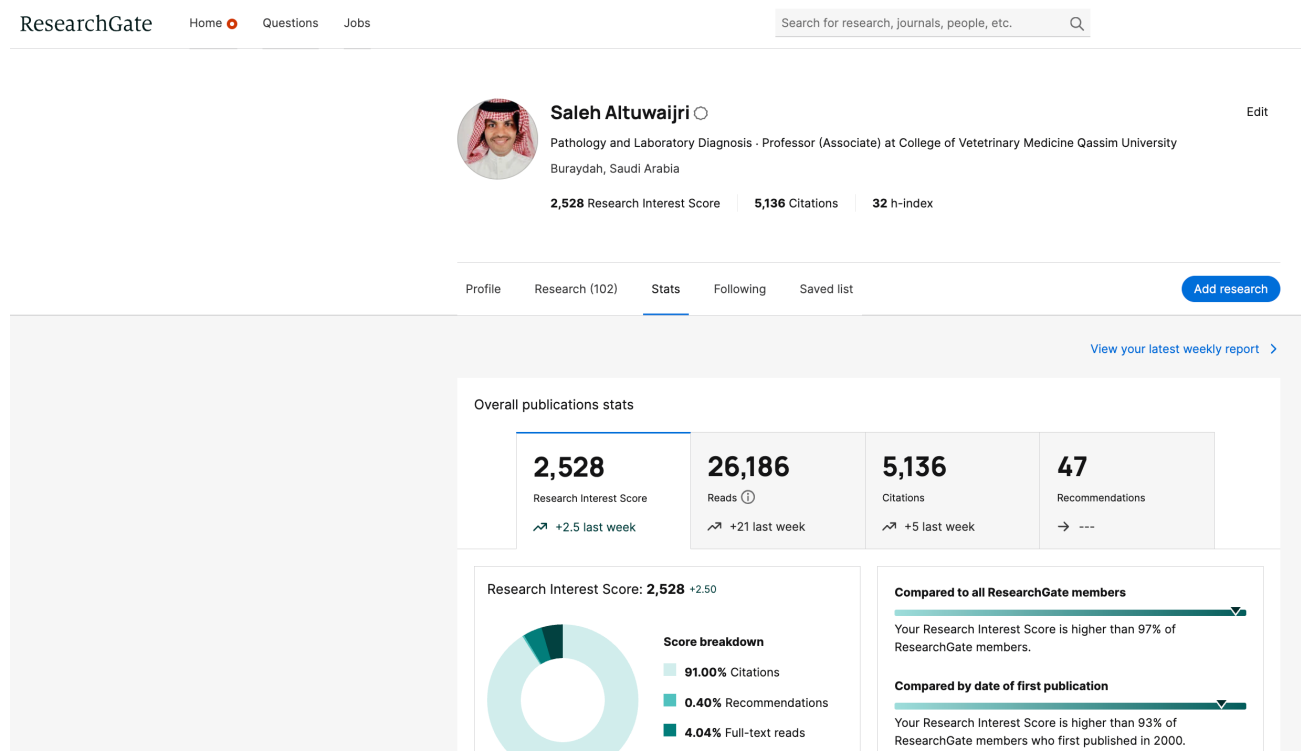
Patent:

Anvarhusein A. Isab, Dr. Mohammed I. M. Wazeer, Mr. Said S, **Altuwaijri S.** “Cytotoxic Compounds for Treating Cancer”, Docket number: 35000.16. Patent number: US 8895611B1. Nov. 25, 2014.

Muhammad Altaf, Muhammad Monim-UL-Mehboob, Anvarhusein A. Isab, Saleh Altuwaijri. “ Gold(I) complexes with anticancer properties and methods of use thereof” Patent Number: US10092579B2. Oct. 2018.

Publications:

96 publish papers for more information go to website at <https://www.researchgate.net/profile/Saleh-Altuwaijri/stats>



Publications:

Chapter (1)

- 1- Hiroshi Miyamoto, **Saleh Altuwaijri**, Chawnshang Chang. “Androgen Receptor in Prostate Cancer Progression” February 2008, DOI: [10.1007/978-1-60327-079-3_6](https://doi.org/10.1007/978-1-60327-079-3_6) In book: Prostate Cancer

Articles (102)

102 publish papers for more information go to website at: <https://www.researchgate.net/profile/Saleh-Altuwaijri/stats>

- 1- Fayiz M. Reda, Mahmoud Alagawany, Ayman S. Salah, Layla A. Almutairi, Mohammed A. Alqahtani, Soha A. Alamoudi, **Saleh Altuwaijri**, Khaled A. El-Tarabily and Mohamed T. El-Saadony Harnessing functional feed additives for sustainable production: the role of *Bacillus coagulans* and *Paenibacillus polymyxa* mixture in improving production and health of meat-type quails. *Front. Vet. Sci.* 2025, 12:1639681.
- 2- El-Sayed El-Shafaey, Eman Ali, Magda Elkomy, Mohamed Abdo Rizk, **Saleh Altuwaijri**, and Saleh Albarrak, Is extra virgin olive oil a promising remedy for reducing the impact of postmenopausal osteoporosis? An experimental study, 2025 *Front. Vet. Sci.* 2025, 12:1555779.

- 3- **Saleh Altuwaijri**, Saleh Mohammed Albarrak. Intermittent androgen therapy in prostate cancer reveals the pro-apoptotic roles of androgen/androgen receptor: an overview. J Adv Biotechnol Exp Ther. 2025 May; 8(2): 301-315
- 4- Albarrak SM , Alharbi Y , Alshanbari FA, Abo-Aziza FAM, Almundarij TI, **Altuwaijri S**, Zaki AKA. Assessment of Immunological Responses of Broilers Vaccinated with Newcastle Strains Using Either Spray or Water Delivery Systems. Braz. J. Poult. Sci. 2025. 27 (1) . 2025.
- 5- **Saleh Altuwaijri**, Saleh Mohammed Albarrak , Androgen Receptor (AR) ablation encumbers the expansion and function of T regulatory cells (Treg) in a male mouse model. Adv. Life Sci. 2025. 12(1): 197-204.
- 6- Esraa M. Fahmy, Emad Adeeb Ibrahim, Gamal Eldin Amin Shams, Eslam Hamed, Tarek Khamis, Layla A. Almutairi, Kamalah Ali Majrashi, Diana A.H. Al-Quwaie, Suad Hamdan Almasoudi, Aiman A. Alsaegh, **Saleh Altuwaijri**, Ahmed Ezzat Ahmed, Heba M. Salem and Hala M.N. Tolba. Investigating the effectiveness of doum and marjoram powders as dietary supplements in mitigating the negative effects of ochratoxin on broiler chickens health. Pak Vet J, 2025, 45(2): 536-552.
- 7- Asmaa T.Y Kishawy, Reham A. Abd El-Wahab, Fatma Eldemery, Moa Mohammed I. AbdelRahman, **Saleh Altuwaijri**, Rasha M.M. Ezz-Eldin, Ehab M. Abd-Allah, Shimaa Zayed, Zohair S.Mulla, Rasha B. El Sharkawy, Shereen Badr, Wessam Youssef and Doaa Ibrahim. Insights of early feeding regime supplemented with glutamine and various levels of omega-3 in broiler chickens: growth performance, muscle building, antioxidant capacity, intestinal barriers health and defense against mixed Eimeria spp infection. Veterinary Quarterly, 2024, VOL. 44, nO. 1, 1–20
- 8- **Saleh Altuwaijri** and Anwar A Alsharari. “Seroprevalence Rate of Brucellosis in Sheep at Aljouf Region, Saudi Arabia”. Journal of Animal, Poultry & Fish Production; Suez Canal University, 2021; 10 (1), 71-8.
- 9- Adam A.A. Seliman , Muhammad Altaf , Nurudeen A. Odewunmi, Saeed Ahmad , **Saleh Altuwaijri** , Anvarhusein A. Isab “ Synthesis, X-ray Structure, DFT Calculations and Anticancer Activity of a Selenourea Coordinated Gold(I)-Carbene Complex. Polyhedron. 2017; 137, 197-206.
- 10- Adam A.A. Seliman , Muhammad Altaf , Abdulmujeeb. Onawole , Saeed Ahmad , Mohammed Yagoub Ahmed , Abdulaziz A. Al-Saadi , **Saleh Altuwaijri** , Gaurav Bhatia , Jatinder Singh , “Synthesis, X-ray structures and anticancer activity of gold(I)-carbene complexes with selenones as co-ligands and their molecular docking studies with thioredoxin reductase”. Journal of Organometallic Chemistry. 2017, 848, 175-183
- 11- Jomaa MY, Altaf M, Ahmad S, Bhatia G, Singh J, **Altuwaijri S**, Isab AA.” Synthesis, spectroscopic characterization and in vitro anticancer activity of new platinum(II) complexes with some thione ligands in the presence of triethylphosphine.” Biometals. 2017 Oct;30(5):787-795.
- 12- Azad TA, Edward NB, Kondkar AA, Kalantan H, **Altuwaijri S**, Sultan T, Al-Mobarak FA, Al-Obeidan SA, Abu-Amero KK. “Polymorphism rs547984 on human chromosome 1q43 is not associated with primary open angle glaucoma in a Saudi cohort.” J Negat Results Biomed. 2017 Jun 26;16(1):12.
- 13- Kondkar AA, Edward NB, Kalantan H, Al-Kharashi AS, **Altuwaijri S**, Mohamed G, Sultan T, Azad TA, Abu-Amero KK “ Lack of association between polymorphism rs540782 and primary open angle glaucoma in Saudi patients.” J Negat Results Biomed. 2017 Feb 2;16(1):3.
- 14- Kondkar AA, Mousa A, Azad TA, Sultan T, Alawad A, **Altuwaijri S**, Al-Obeidan SA, Abu-Amero KK. ” Polymorphism rs755523 in transmembrane and coiled-coil domain 1 (TMCO1) is not a risk factor for primary open angle glaucoma in a Saudi cohort.” J Negat Results Biomed. 2016 Sep 29;15(1):17
- 15- Kondkar AA, Mousa A, Azad TA, Sultan T, Almobarak FA, Alawad A, **Altuwaijri S**, Al-Obeidan SA, Abu-Amero KK. “Analysis of Polymorphism rs1900004 in Atonal bHLH Transcription Factor 7 in Saudi Patients with Primary Open Angle Glaucoma. Genet Test Mol Biomarkers”. 2016 Nov;20(11):715-718.

C.V.: Prof. Altuwaijri, S 0559707111 ceo@pharmresearchmd.com <http://www.pharmresearchmd.com/>

- 16- Alawad A, Alhazzaa O, **Altuwaijri S**, Alkhrayef M, Alagrafi F, Alhamdan Z, Alenazi A, Alharbi S, Hammad M. "Generation of human iPS cell line SKiPSc1 from healthy Human Neonatal Foreskin Fibroblast cells". Stem Cell Res. 2016 Jun 25;17(1):158-160. doi: 10.1016/j.scr.2016.06.006
- 17- Al-Jaroudi SS, Altaf M, Al-Saadi AA, Kawde AN, **Altuwaijri S**, Ahmad S, Isab AA. "Synthesis, characterization and theoretical calculations of (1,2-diaminocyclohexane)(1,3-diaminopropane)gold(III) chloride complexes: in vitro cytotoxic evaluations against human cancer cell lines". Biometals. 2015 Oct;28(5):827-44. doi: 10.1007/s10534-015-9869-1
- 18- Sabra O, Muhammad Ali M, Al Zayer M, **Altuwaijri S**. "Frequency of migraine as a chief complaint in otolaryngology outpatient practice." Biomed Res Int. 2015;2015:173165. doi: 10.1155/2015/173165. Epub 2015 Jan 2
- 19- Volker Rudat, Alaa Nour, Abdul Aziz Alaradi, Adel Mohamed, **Altuwaijri S**. "In vivo surface dose measurement using GafChromic film dosimetry in breast cancer radiotherapy: comparison of 7-field IMRT, tangential IMRT and tangential 3D-CRT". Radiation Oncology. 07/2014; 9(1):156.
- 20- S. S. Al-Jaroudi, M. Monim-ul-Mehboob, Muhammad Altaf, M. Fettouhi, M. I. M. Wazeer, **Altuwaijri S**, A. A. Isab. "Synthesis, spectroscopic characterization, X-ray structure and electrochemistry of new bis(1,2-diaminocyclohexane)gold(III) chloride compounds and their anticancer activities against PC3 and SGC7901 cancer cell lines". New Journal of Chemistry 05/2014.
- 21- Volker Rudat, Hamdan El-Sweilmeen, Iris Brune-Erber, Alaa Ahmad Nour, Nidal Almasri, **Altuwaijri S**, Elias Fadel "Identification of breast cancer patients with a high risk of developing brain metastases: a single-institutional retrospective analysis". BMC Cancer 04/2014; 14(1):289.
- 22- Alaa Ahmad Nour, Aziz Alaradi, Adel Mohamed, **Altuwaijri S**, Volker Rudat. "Intensity modulated radiotherapy of upper abdominal malignancies: dosimetric comparison with 3D conformal radiotherapy and acute toxicity". Radiation Oncology 09/2013; 8(1):207.
- 23- Bassem A Al-Maythaly, M Monim-Ul-Mehboob, Muhammad Altaf, Mohammed I M Wazeer, Anvarhusein A Isab, **Altuwaijri S**, Ayesha Ahmed, Vikram Dhuna, Gaurav Bhatia, Kshitija Dhuna, Sukhdev Singh Kamboj "Some new [(thione)2Au(diamine)]Cl3 complexes: Synthesis, spectroscopic characterization, computational and in vitro cytotoxic studies". Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy 07/2013; 115C:641-647.
- 24- Said S. Al-Jaroudi, Mohammed Fettouhi, Mohammed I.M. Wazeer, Anvarhusein A. Isab, **Altuwaijri S** " Synthesis, characterization and cytotoxicity of new gold(III) complexes with 1,2-diaminocyclohexane: Influence of stereochemistry on antitumor activity". Polyhedron 02/2013; 50(1):434-442.
- 25- Sana Munaf Hawai, M. Al-Zayer, Mohammed M. Ali, Yuanjie Niu, A. Alawad, M. Aljofan, A. Aljarbou, **Altuwaijri S** " Dogs: Active Role Model for Cancer Studies—A Review" Journal of Cancer Therapy 01/2013; 04(05):989-995.
- 26- Al-Maythaly BA, Monim-Ul-Mehboob M, Altaf M, Wazeer MI, Isab AA, **Altuwaijri S**, Ahmed A, Dhuna V, Bhatia G, Dhuna K, Kamboj SS. Some new [(thione)2Au(diamine)]Cl3 complexes: Synthesis, spectroscopic characterization, computational and in vitro cytotoxic studies Spectrochim Acta A Mol Biomol Spectrosc. 2013 Nov;115:641-7
- 27- Volker Rudat, Nuha Birido, **Altuwaijri S**, Mousa A. Al-Abbadi, "Body Mass Index and Breast Cancer Risk: A Retrospective Multi-Institutional Analysis in Saudi Arabia" Advances in Breast Cancer Research, 2013, 2, 7-10
- 28- Lai KP, Lai JJ, Chang P, **Altuwaijri S**, Hsu JW, Chuang KH, Shyr CR, Yeh S, Chang C. "Targeting thymic epithelia AR enhances T-cell reconstitution and bone marrow transplant grafting efficacy" Mol Endocrinol. 2013 Jan;27(1):25-37

C.V.: Prof. Altuwaijri, S 0559707111 ceo@pharmresearchmd.com <http://www.pharmresearchmd.com/>

- 29- Bassem A. Al-Maythalony, M. Monim-ul-Mehboob, Mohammed I. M. Wazeer, Anvarhusein A. Isab, M. Nasiruzzaman Shaikh and **Altuwaijri S** "Synthesis, CP-MAS NMR Characterization, and Antibacterial Activities of Glycine and Histidine Complexes of Cd(SeCN)₂ and Hg(SeCN)₂" Bioinorganic Chemistry and Applications Volume 2013 (2013), Article ID 476874
- 30- Lai JJ, Lai KP, Zeng W, Chuang KH, **Altuwaijri S**, Chang C. "Androgen receptor influences on body defense system via modulation of innate and adaptive immune systems: lessons from conditional AR knockout mice." Am J Pathol. 2012 Nov;181(5):1504-12
- 31- **Altuwaijri S**, " Role of Prostate Specific Antigen (PSA) in Pathogenesis of Prostate Cancer" Journal of Cancer Therapy, 2012, 3, 331-336
- 32- Zhao E, Wang L, Dai J, Kryczek I, Wei S, Vatan L, **Altuwaijri S**, Sparwasser T, Wang G, Keller ET, Zou W. "Regulatory T cells in the bone marrow microenvironment in patients with prostate cancer." Oncoimmunology. 2012 Mar 1; 1(2):152-161.
- 33- Rudat V, El-Sweilmeen H, Fadel E, Brune-Erber I, Ahmad Nour A, Bushnag Z, Masri N, **Altuwaijri S**. "Age of 40 years or younger is an independent risk factor for locoregional failure in early breast cancer: a single-institutional analysis in Saudi Arabia." J Oncol. 2012; 2012: 370385.
- 34- Rudat V, Brune-Erbe I, Noureldin A, Bushnag Z, Almuraikhi N, **Altuwaijri S**. "Epidemiology of breast cancer patients at a tertiary care center in the Eastern Province of Saudi Arabia." Gulf J Oncolog. 2012 Jan; 1(11):45-9.
- 35- Karout N, **Altuwaijri S**. "Impact of health education on community knowledge, attitudes and behaviour towards solid waste management." East Mediterr Health J. 2012 Apr; 18(7):631-39.
- 36- Karout N, **Altuwaijri S**. "Knowledge, attitudes and practices among religious students concerning family planning." East Mediterr Health J. 2012 Apr; 18(7):762-68.
- 37- Karout N, Hawai SM, **Altuwaijri S**. "Prevalence and pattern of menstrual disorders among Lebanese nursing students." East Mediterr Health J. 2012 Apr; 18(4):346-52.
- 38- Rudat V, Hammoud M, Pillay Y, Alaradi AA, Mohamed A, **Altuwaijri S**. "Impact of the frequency of online verification on the patient set-up and set-up margins." Radiat Oncol. 6(1):101; 2011.
- 39- Isab AA, Shaikh MN, Monim-ul-Mehboob M, Al-Maythalony BA, Wazeer MI, **Altuwaijri S**. "Synthesis, characterization and anti proliferative effect of [Au(en)2]Cl3 and [Au(N-propyl-en)2]Cl3 on human cancer cell lines." Spectrochim Acta A Mol Biomol Spectrosc. 79(5):1196-201; 2011.
- 40- Rudat V, Aziz Alaradi A, Mohamed A, Ai-Yahya K, **Altuwaijri S**. "Tangential beam IMRT versus tangential beam 3D-CRT of the chest wall in postmastectomy breast cancer patients: A dosimetric comparison." Radiat Oncol. 2011 Mar 21;6:26.
- 41- Zhang L, **Altuwaijri S**, Deng F, Chen L, Lal P, Bhanot UK, Korets R, Wenske S, Lilja HG, Chang C, Scher HI, Gerald WL. NF-kappaB regulates androgen receptor expression and prostate cancer growth. Am J Pathol. 2009 Aug;175(2):489-99.
- 42- Chuang KH, **Altuwaijri S**, Li G, Lai JJ, Chu CY, Lai KP, Lin HY, Hsu JW, Keng P, Wu MC, Chang C. Neutropenia with impaired host defense against microbial infection in mice lacking androgen receptor. J Exp Med. 2009 May 11;206(5):1181-99.

C.V.: Prof. Altuwaijri, S 0559707111 ceo@pharmresearchmd.com <http://www.pharmresearchmd.com/>

- 43- **Altuwaijri S**, Chuang KH, Lai KP, Lai JJ, Lin HY, Young FM, Bottaro A, Tsai MY, Zeng WP, Chang HC, Yeh S, Chang C. Susceptibility to autoimmunity and B cell resistance to apoptosis in mice lacking androgen receptor in B cells. *Mol Endocrinol*. 2009 Apr;23(4):444-53.
- 44- Niu Y, Yeh S, Miyamoto H, Li G, **Altuwaijri S**, Yuan J, Han R, Ma T, Kuo HC, Chang C. Tissue prostate-specific antigen facilitates refractory prostate tumor progression via enhancing ARA70-regulated androgen receptor transactivation. *Cancer Res*. 2008 Sep 1; 68(17):7110-9.
- 45- **Altuwaijri S**, Niu Y, Lai KP, Wu CT, Rieke WA, Messing EM, Yao J, Yeh S, Chang C. Androgen receptor is a tumor suppressor and proliferator in prostate cancer. *Proc Natl Acad Sci U S A*. 2008 Aug 26;105(34):12182-7.
- 46- **Altuwaijri S**, Niu Y, Yeh S, Lai KP, Yu S, Chuang KH, Huang SP, Lardy H, Chang C. Targeting the stromal androgen receptor in primary prostate tumors at earlier stages. *Proc Natl Acad Sci U S A*. 2008 Aug 26; 105(34):12188-93.
- 47- Lin HY, Yu IC, Wang RS, Chen YT, Liu NC, **Altuwaijri S**, Hsu CL, Ma WL, Jokinen J, Sparks JD, Yeh S, Chang C. Increased hepatic steatosis and insulin resistance in mice lacking hepatic androgen receptor. *Hepatology*. 2008 Jun; 47(6):1924-35.
- 48- **Altuwaijri S**, Wu CT, Rieke WA, Huang SP, Yeh S, Zhang C, Niu Y, Tsai MY, Chang C. Increased prostate cell proliferation and loss of cell differentiation in mice lacking prostate epithelial androgen receptor. *Proc Natl Acad Sci USA*. 2007 Jul 31;104(31):12679-84.
- 49- Xu Q, Lin HY, Yeh SD, Yu IC, Wang RS, Chen YT, Zhang C, **Altuwaijri S**, Chen LM, Chuang KH, Chiang HS, Yeh S, Chang C. Infertility with defective spermatogenesis and steroidogenesis in male mice lacking androgen receptor in Leydig cells. *Endocrine*. 2007 Aug; 32(1):96-106. Epub 2007 Oct 23
- 50- Kryczek I, Wei S, Zou L, **Altuwaijri S**, Szeliga W, Kolls J, Chang A, Zou W. Cutting edge: Th17 and regulatory T cell dynamics and the regulation by IL-2 in the tumor microenvironment. *J Immunol*. 2007 Jun 1;178(11):6730-3
- 51- **Altuwaijri S**, Wu CC, Niu YJ, Chang HC, Chang C. "Expression of human AR cDNA driven by its own promoter results in mild promotion, but not suppression, of growth in human prostate cancer PC-3 cells". *Asian J Andrology*. 2007 Mar;9(2):181-8
- 52- Miyamoto H, Marwah P, Marwah A, Yang Z, Chung CY, **Altuwaijri S**, Chang C, Lardy H. "Identification of steroid derivatives that function as potent antiandrogens". *Int J Cancer*. 2005 Dec 10;117(5):866-72.
- 53- Miyamoto H, **Altuwaijri S**, Cai Y, Messing EM, Chang C. "Inhibition of the Akt, cyclooxygenase-2, and matrix metalloproteinase-9 pathways in combination with androgen deprivation therapy: potential therapeutic approaches for prostate cancer". *Mol Carcinog*. 2005 Sep;44(1):1-10. Review.
- 54- Yang L, Xie S, Jamaluddin MS, **Altuwaijri S**, Ni J, Kim E, Chen YT, Hu YC, Wang L, Chuang KH, Wu CT, Chang C "Induction of androgen receptor expression by phosphatidylinositol 3-kinase/Akt downstream substrate, FOXO3a, and their roles in apoptosis of LNCaP prostate cancer cells". *J Biol Chem*. 2005 Sep 30;280(39):33558-65
- 55- Chuang KH, Lee YF, Lin WJ, Chu CY, **Altuwaijri S**, Wan YJ, Chang C. "9-cis-retinoic acid inhibits androgen receptor activity through activation of retinoid X receptor". *Mol Endocrinol*. 2005 May; 19(5):1200-12.
- 56- Andela VB, **Altuwaijri S**, Wood J, Rosier RN. Inhibition of beta-oxidative respiration is a therapeutic window associated with the cancer chemo-preventive activity of PPARgamma agonists *FEBS Lett*. 2005 Mar 14; 579(7):1765-9.

C.V.: Prof. Altuwaijri, S 0559707111 ceo@pharmresearchmd.com <http://www.pharmresearchmd.com/>

- 57- **Altuwaijri S**, Lee DK, Yeh, S and Chang C. "Androgen receptor regulates expression of skeletal muscle specific proteins and muscle cell types" Endocrine. 2004 Oct;25(1):27-32
- 58- Zhang M, **Altuwaijri S**, Yeh S. "RRR-alpha-tocopheryl succinate inhibits human prostate cancer cell invasiveness" Oncogene. 2004 Apr 15;23(17):3080-8
- 59- Yang L, Xie S **Altuwaijri S**, Chang C. "Androgen Suppresses PML Protein Expression in Prostate Cancer CWR22R Cell". Biochem Biophys Res Commun. 2004 Jan 30; 314(1):69-75.
- 60- Lin HK, Hu YC, Yang L, **Altuwaijri S**, Chen YT, Kang HY, Chang C. "Suppression versus induction of androgen receptor functions by the phosphatidylinositol 3-kinase/Akt pathway in prostate cancer LNCaP cells with different passage numbers". J Biol Chem. 2003 Dec 19; 278(51):50902-7.
- 61- **Altuwaijri S**, Lin HK, Chuang KH, Lin WJ, Yeh S, Hanchett LA, Rahman MM, Kang HY, Tsai MY, Zhang Y, Yang L, Chang C. " Interruption of nuclear factor kappaB signaling by the androgen receptor facilitates 12-O-tetradecanoylphorbolacetate-induced apoptosis in androgen-sensitive prostate cancer LNCaP cells". Cancer Res. 2003 Nov 1;63(21):7106-12
- 62- Rahman MM, Miyamoto H, Takatera H, Yeh S, **Altuwaijri S**, Chang C. "Reducing the a agonist activity of antiandrogens by a dominant-negative androgen receptor coregulator ARA70 in prostate cancer cells". J Biol Chem. 2003 May 30;278(22):19619-26
- 63- Yang L, Lin HK, **Altuwaijri S**, Xie S, Wang L, Chang C.. "APPL suppresses androgen receptor transactivation via potentiating Akt activity". J Biol Chem. 2003 May 9;278(19):16820-7. 05
- 64- **Altuwaijri S**, Lai JJ, Yeh S, Chang C " T cell Development in Androgen Receptor Knock Out (ARKO) Mice". FASEB J. 2003 April 17 (7): B233: 13-14.
- 65- Lin WJ, Li J, Lee YF, Yeh SD, **Altuwaijri S**, Ou JH, Chang C. "Suppression of hepatitis B virus core promoter by the nuclear orphan receptor TR4". J Biol Chem. 2003 Mar 14;278(11):9353-60
- 66- Yeh S, Tsai MY, Xu Q, Mu XM, Lardy H, Huang KE, Lin H, Yeh SD, **Altuwaijri S**, Zhou X, Xing L, Boyce BF, Hung MC, Zhang S, Gan L, Chang C. " Generation and characterization of androgen receptor knockout (ARKO) mice: an in vivo model for the study of androgen functions in selective tissues". Proc Natl Acad Sci U S A. 2002 Oct 15; 99(21):13498-503.
- 67- Lin HK, **Altuwaijri S**, Lin WJ, Kan PY, Collins LL, Chang C. " Proteasome activity is required for androgen receptor transcriptional activity via regulation of androgen receptor nuclear translocation and interaction with coregulators in prostate cancer cells". J Biol Chem. 2002 Sep 27;277(39):36570-6
- 68- Lin HK, Wang L, Hu YC, **Altuwaijri S**, Chang C. " Phosphorylation-dependent ubiquitylation and degradation of androgen receptor by Akt require Mdm2 E3 ligase". EMBO J. 2002 Aug 1;21(15):4037-48
- 69- Yeh S, Sampson ER, Lee DK, Kim E, Hsu CL, Chen YL, Chang HC, **Altuwaijri S**, Huang KE, Chang C. " Functional analysis of androgen receptor N-terminal and ligand binding domain interacting coregulators in prostate cancer". J Formos Med Assoc. 2000 Dec; 99(12):885-94.
- 70- Thatcher TH, O'Brien DP, **Altuwaijri S**, Barth RK. "Increasing the frequency of T-cell precursors specific for a cryptic epitope of hen-egg lysozyme converts it to an immunodominant epitope". Immunology. 2000 Feb; 99(2):235-42.

Awards and Honors & Project:

- 2) QASSIM University, Seroprevalence rate of Brucellosis in Sheep at Aljouf region, Saudi Arabia, 2020-2022
- 3) KACST Grant -33-837 (2013-2016) " Translational Stem Cell Research (TSCR) "

C.V.: Prof. Altuwaijri, S 0559707111 ceo@pharmresearchmd.com <http://www.pharmresearchmd.com/>

- 4) Invited as a **speaker** at **Track 2: Molecular and Cellular Immunology of Immunodiseases in BIT's 2nd Annual World Congress of Immunodiseases and Therapy (WCIT)**, The Master Keys to Immune System held during November 18-20, (2011) Guangzhou, China.
- 5) **KACST Grant ARP-29-130 (2011-2013)** "Prospective randomized study to assess the radioprotective effect of sodium selenite on the salivary gland function in patients treated with radiotherapy of head and neck region".
- 6) **KACST Grant ARP-28-74 (2009)** "Androgen/Androgen Receptor (AR) a potential therapeutic target for the Rheumatoid Arthritis (RA) via modulating the B cell development".
- 7) **Editorial Board (2006-present)**. International Journal of Basic Medical Sciences.
- 8) **Massachusetts Institute of Technology (MIT) Graduate Award (2007)**. 4th annual Science and Technology Awards. Boston, USA.
- 9) **Sparker award, (2007)** Colorado State University. Fort Collins, Colorado USA
- 10) **NIH Grant IR01DK073414-01.2007-2010**. "Androgen Receptor in B Cell Development and Function"
- 11) **Admission University Relation (2005-2006)**. Saudi Arabia Cultural Mission. Washington, D.C. USA.
- 12) **Research Award, 2003**, School of Medicine and Dentistry, University of Rochester, Rochester, New York, USA.
- 13) **NIH Grant REA-CA-03-013. 2003**. Writing the Scientific Parts of the "Molecular Interaction between Tumor Cells and Bone".
- 14) **Acknowledgment from (Hospital General de Segovia, Segovia, Spain) the author of** "A novel mutation in the calcium-sensing receptor responsible for autosomal dominant hypocalcaemia in a family with two uncommon parathyroid hormone polymorphisms" *Journal of Molecular Endocrinology* (2003) 31, 255-262.
- 15) **Research Award, 2002**, School of Medicine and Dentistry, University of Rochester, Rochester, New York. USA.
- 16) **Award for Poster Presentation, 2001**. Department of Pathology and Laboratory of Medicine, School of Medicine and Dentistry, University of Rochester, Rochester, New York. USA.
- 17) **Teaching Excellence Award Summer 2000** for Human Body in Health and Disease Course, Department of Pathology and Laboratory of Medicine School of Medicine and Dentistry, University of Rochester, Rochester, New York. USA.
- 18) **Graduated with Honor, 1993**. School of Veterinarian Medicine, King Saud University.

Experience and Training:

- 1- **Isolating Mesenchymal Stem Cells (MSC)** 2009-2011.
- 2- **DB LSRH (multi laser bechtop flow cytometry)** Operation Course 2006.
- 3- **Analysis of cell surface markers cell cycle and apoptosis by using flow cytometry (FACSCalibur)** 2002-present
- 4- **The Endocrine Society. 2002. Osteoporsis**. San Francisco, California, USA.
- 5- **The Endocrine Society. 2002. Continuing Medical Education. 34 Hours Credit**. San Francisco, California USA
- 6- **Grant Reviewer in NIH Study Section, Grant /Army Prostate/ Breast Grant. 1999-present.**
- 7- **Grant Reviewer in Canada; Dutch; Taiwan, Italy; Hong Kong; Australia. 2000-present.**
- 8- **Reviewer in the Journal of Endocrinology, 2000-2007**
- 9- **American Association of Immunology, 1999. Advanced Course in Immunology**. San Francisco, California, USA
- 10- **Teaching Assistant in Immunology. Fall of 1998-1999**. Department of Microbiology and Immunology, School of Medicine and Dentistry, University of Rochester, Rochester, New York. USA.
- 11- **Teaching Assistant in Immunology. January-May 1993-1994**. Department of Microbiology and Immunology. School of Veterinarian Medicine, King Saud University.
- 12- **Epidemiologist of Brucelosis. Summer 1991**. Department of Medicine, King Khalid Hospital.

Membership:

- 1- International Society for Stem Cell Research (ISSCR)
- 2- American Association for Cancer Research (AACR)
- 3- Endocrine Society (ES).
- 4- American Association of Immunology (AAI)
- 5- Federation of American Societies for Experimental Biology (FASEB)
- 6- International Union of Immunological Societies (IUIS)
- 7- Clinical Immunology Society (CIS)
- 8- Federation of Clinical Immunology Societies (FOCIS)

Meeting:

- 1) **12th Annual Meeting of International Society for Stem Cell Research (ISSCR) (2014)**, June 18-21, Vancouver, CANADA.
- 2) **10th Annual Meeting of International Society for Stem Cell Research (ISSCR) (2012)**, Androgen Ablation Mitigates Defect of B cells to a Prostate Cancer and Increase Cancer and Increase Survival Rate of Tramp Mice. June 13-16, 2012 Pacifico Yokohama, Yokohama, Japan.
- 3) **Track 2: Molecular and Cellular Immunology of Immunodiseases (2011)**, November 18-20, 2011 Guangzhou, China, BIT's 2nd Annual World Congress of Immunodiseases and Therapy (WCIT), The Master Keys to Immune System,.
- 4) **7th Annual Meeting of International Society for Stem Cell Research (ISSCR) (2009)**, July 8-11, 2009, Barcelona, Spain.
- 5) **Federation of Clinical Immunology Societies (FOCIS) (2008)**, June 5th-June 9th Boston, USA
- 6) **The AACR Annual Meeting 2006**. 135- Inhibition of NF- κ B decreases androgen receptor expression and prostate cancer growth. Saturday, April 1-5, 2006. Washington Convention Center. Washington, D.C. USA.
- 7) **Inter-prostate SPORE meeting (2006)**. NF- κ B Regulates Androgen Receptor Expression and Prostate Cancer growth. International Cancer Institute. February 4-6, 2006, Houston, Texas. USA.
- 8) **Keystone Symposia 2006**. "220-Dysregulation of Lipid Metabolism and Insulin Signaling Accelerate Diet-Induced Hepatic Steatosis and Insulin in Mice Lacking Hepatic Androgen Receptor. March 18 - 23, 2006 • Fairmont Banff Springs • Banff, Alberta. Canada.
- 9) **The AACR Annual Meeting 2005**. 1948 NF- κ B Regulates Androgen Receptor Expression in Prostate Cancer. Saturday, April 16-20, 2006 Anaheim Convention Center. Anaheim, Orange County, CA. USA.
- 10) **Experimental Biology 2005**. Androgen receptor effects the potentially auto reactive precursors by modulating the transition of pro-B cells to pre-B cell development. Saturday April 2-wednesday April 6. San Diego CA.
- 11) **13th SPORE investigator, Workshop 2005**. 072 Gene Expression Profiling Reveals Deregulated Pathways Involved in the Development and Progression of Prostate Cancer. July 9-12, 2005. Wardman Park Marriot Hotel. Washington DC USA.
- 12) **33rd Annual meeting of the International Society for Experimental hematology (ISEH)**. 123 Granulocytopenia and Defective Host Defense Response to Bacterial Infection in mice lacking Androgen Receptor. New Orleans Marriot, New Orleans, Louisiana, USA.
- 13) **Experimental Biology 2004**. Saturday April 17-wednesday April 21. Washington, DC.
- 14) **Jensen Symposium, 2003**. "10- Impaired Production of Neutrophils in Androgen Receptor Deficient Mice "Cincinnati, Ohio, USA. " 37- the Orphan Nuclear Receptor Testis Receptor (TR4) is a Positive Regulator of the Inflammatory Responses: Impaired LPS-Induced Inflammatory Responses in Mice Lacking TR4 "Cincinnati, Ohio, USA. " 40- Role of Androgen Receptor in T-Cell Development and Immune Response" Cincinnati, Ohio, USA. " **OR34-5-** Abnormal Mammary Gland Development and Reproductive Function in Androgen Receptor Knock Out (ARKO) Female Mice
- 15) **The Endocrine Society's 85 Annual Meeting, 2003**. " **OR24-2-** α -Vitamin E Succinate Inhibits Human Prostate Cancer Cell Invasiveness and Reduces the Release of Matrix Metalloproteinases"
- 16) **James P. Wilmot Cancer Center 7th Annual Scientific Symposium, 2002**. " P1- Interruption of Nuclear Factor κ B Signaling by the Androgen Receptor Facilitates 12-*O*-Tetradecanoylphorbolacetate-Induced Apoptosis in Androgen-sensitive Prostate Cancer LNCaP Cells" School of Medicine and Dentistry, University of Rochester, Rochester, New York. USA
- 17) **The Endocrine Society's 84 Annual Meeting, 2002**. " **P2-205-** p27^{kip1} Stabilization in an Androgen- Insensitive Prostate Cancer Cell Line (PC-3) Stably Transfected with the Human Androgen Receptor is Associated with Level of AR Expression" **P3-153-** Akt Interacting Protein APPL Suppresses Androgen Receptor Transactivation Via Cooperation with PI3K/Akt Pathway. San Francisco, California, USA.
- 18) **Keystone Symposia 2002**. "Repression of Hepatitis B Virus Core Gene Expression by the Nuclear Orphan Receptor TR4" Keystone, Colorado USA.
- 19) **The Endocrine Society's 82 Annual Meeting, 2000**. "P 1496- Interaction of Androgen and TR4 Orphan Receptor Repress the Hepatitis B Virus Core Promoter Transcriptional Activity. Toronto, Canada.
- 20) **The Western Immunology Conference 1999**. "P52- Identification and Analysis of Multigenic Control of the Response to a T-Cell Epitope of Hen Egg Lysozyme". San Francisco, California, USA