

CURRICULUM VITAE
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ALKAHTANI, SAAD HUSSIN S

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Objective: Zoological research position-Cytogenetic-(Apoptosis)

Contact data:

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Personal information:

Nationality: Saudi Marital status: Married, Date of Birth: 1968

Education

Degree	Dates Attended	Name of Institution	Field of Study	City Country
Ph.D of Science*	2003-2007	King Saud university	Cytogenetic	Riyadh (KSA)
Master of Science**	1997-2000	King Saud university	Histology, Histochemistry	Riyadh (KSA)
Bachelor of science	1988-1992	King Saud university	Zoology	Riyadh (KSA)
Diploma of education	1995-1996	King Saud university	Education	Riyadh (KSA)

Work experience:

- March 1992-Sep 2004 Biology teacher (High school).
- Oct 2004–Dec 2007 lecturer in biology department, teachers college-KSU. Riyadh. Saudi Arabia.
- Dec 2007- Sep 2011 assistant professor in biology department, teachers college-KSU. Riyadh. Saudi Arabia.
- Sep 2011 – Sep 2012 associate professor in science department, teachers college-KSU. Riyadh. Saudi Arabia.
- Dec 2010- Sep 2012 director of research center.
- Sep 2011 – Oct 2012 vice dean of development and quality teachers college-KSU. Riyadh. Saudi Arabia.
- Sep 2015 – Present full professor, zoology department, science college-KSU. Riyadh. Saudi Arabia.
- Dec 2013 – Present part-time consultant in ministry of education, equivalence of certificates.

Skills and interests:

* I have significantly evaluated my practical and laboratory skills and I am now experienced with many biological techniques such as:

Histological microtechniques.

Cell culture technique. # DNA: Isolation, purification, cloning, sequencing, electrophoresis and RFLP-analysis. # RNA: Isolation and cDNA-synthesis.

Normal PCR. # Reverse transcription PCR.

Quantitative real-time PCR.
MACS (Magnetic activated cell sorting)-analysis.
Flow cytometry technique. # Western blotting technique.
ELISA technique. # cytogenetic assays techniques.

Financed projects as PI

- Steroid-induced apoptotic responses in colon cancer. 11-MED-1665-02. 2011-present.
- Research groups project. RGP.VVP-018. 2010-2011.
- Research groups project. RGP.VVP-018. 2013-2014.
- Photolysis of chemically sensitized Leishmania for therapy and prophylaxis. 12-MED2681-02.

Financed projects as CoI

- Research groups project. RGP.VVP-012. 2010-2011.
- The role of Rho family GTPases in Human Cytomegalovirus (HCMV) infection and pathogenesis. 12-MED2652-02.

Books (Arabic)

- Saad Alkahtani (2012). Cell biology and Genetics. King Saud University, Riyadh, Saudi Arabia. Pp289.
- Saad Alkahtani (2015). Apoptosis. In preparation.

Work Shops and Training Programmes

No	Title	Place	Organizer	Duration	Credit
1	Molecular biological techniques	King Faisal Specialist Hospital	Research Center	6/5-5/6/ 2006	One Months
2	Statically Analysis by Using SPSS Programme	Education College, KSU	Education College	23/2-25/2/1426H	9 Hours
3	Introduction to General human Pathology Course	King Faisal Specialist Hospital	Research Center	5, 7 and 9 /4/2008	9 Hours
4	Development of Science and Math	King Saud University	KSU	8-9/1/2008	2 days
5	BlackBoard	King Saud University	Deanship of E-learning	18-19/10/1431H	10 Hours
6	Open Source Software	King Saud University	Deanship of Skills Development	28-29/11/2010	10 Hours
7	iMindMap	King Saud University	Deanship of Skills Development	11-12/12/2010	10 Hours
8	Publication in international Journals	King Saud University	Deanship of Skills Development	14-15/12/2010	10 Hours
9	Presenting Research in Conferences	King Saud University	Deanship of Skills Development	21-22/12/2010	10 Hours
10	Assessment Using Achievement Protfolio	King Saud University	Deanship of Skills Development	8-9/1/2011	10 Hours
11	Skills of Questioning and Tests Construction	King Saud University	Deanship of Skills Development	11-12/1/2011	10 Hours
12	Training Programme for Experts v.10	Teachers College, KSU	Training Center, Teachers College	18-22/2/1432H	20 Hours
13	Training Programme in Information Scientific Institution ISI	Teachers College, KSU	Training Center, Teachers College	1/6/1432H	3 Hours
14	Development of Pure Science and Math	Teachers College, KSU	Training Center, Teachers College	26/6/1432H	3 Hours
15	The use of Image In Teaching	King Saud University	Deanship of Skills Development	13/9/2011	10 Hours

Conferences

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14	Development of Pure Science and Math	Teachers College, KSU	Training Center, Teachers College	26/6/1432H	3 Hours
15	The use of Image In Teaching	King Saud University	Deanship of Skills Development	13/9/2011	10 Hours
16	Malaria	Marriott Hotel/ New Orleans-USA	Keystone symposia	20-25/1/ 2013	Participant

17	International Conference on Environmental, Biological, and Ecological Sciences, and Engineering	Tropicana hotel/ Rio de Janeiro-Brazil	WASET	14-15/3/ 2013	Listener
18	International Conference for Academic Disciplines	Vienna-Austria	IJAS	14-18/4/ 2013	Participant
19	The Twelfth Asia Pacific Bioinformatics Conference (APBC2014)	Shanghai-China	APBC2014	17-19/1/ 2014	Attendee
20	International Conference for Academic Disciplines	Las Vegas	IJAS	17-20/3/2014	Participant
21	International Conference for Academic Disciplines	Barcelona	IJAS	16-19/6/2014	Participant
22	Singapore Health Biomedical Congress	Singapore	Singapore Health Biomedical	26-27/9/2014	Participant
23	International Conference for Academic Disciplines	Freiburg	IJAS	2-5/12/2014	Participant
24	International Conference of interdisciplinary studies	San Antonio-USA	University of the incarnate	16-19/4/2015	Participant
25	Apoptosis: Cell Recognition and Clearance	University of New England	Gordon research conference	14-19/6/2015	Participant
26	9 th World congress on pediatric infectious diseases (WSPID)	Rio De Janeiro-Brazil	WSPID	18-21/11/2015	Participant
27	International Conference on medical, medicine and health Sciences	Bali, Indonesia	Afa-MCBI	23-24/12/2015	Participant
28	Second international SSMG symposium	Riyadh, KSA	KACS	26-27/4/2017	Participant

Publications

- 1- Saud A. Alarifi, Saad Alkahtani, F. M. Abou.Tarboush, Ahmed Al-Qahtani. 2009. Effect of DNA Hypomethylation on Genotoxicity and Apoptogenicity of Sodium arsenite in laboratory Mice. Pak J of Biological sciences, 12(7):554-564.
- 2- Ashraf A. Qurtam, Saad Alkahtani, F. M. Abou.Tarboush , Saud A. Alarifi Ahmed Al-Qahtani, Mohammed AL-Eissa. 2009. Effect of the antioxidant Butylated hydroxytoluene on the Genotoxicity and Cytotoxicity Induced in Mice by Sodium arsenite. J of Biological sciences. 9(5):413-422.
- 3- Saad Alkahtani, Saud A. Alarifi and Amin Abdullah Al-Doaiss. 2009. Detection of Apoptosis Induced by Gentamicin in Rat Hepatocytes. International Journal of Zoological Research. 5(4):161-170.
- 4- Saad Alkahtani. 2009. Hepatitis C infection and apoptosis in hepatocellular carcinoma. Pak J of Biological sciences, 12(10):804-808.
- 5- Saad Alkahtani. 2009. Antioxidation and Hypomethylation effects on Genotoxicity and Programmed cell death Induced in Mice Somatic Cells by Arsenic Trioxide. J of Biological sciences. 9(7):721-729.
- 6- Mohammed AL-Eissa, Mohammed Sandouka, Saad Alkahtani, and Ashraf A. Qurtam. 2009. Reproductive physiology of Arabian Gazella. J of Saudi Soc. for Agric. Sci., 9(1a):70-80.

- 7- Saad Alkahtani, Mohammed Al-Marsouq and Mohammed AL-Eissa. 2010. Effect of the Antioxidant Butylatedhydroxytoluene on the Genotoxicity and Cytotoxicity Induced by Arsenic Trioxide in Male Mice. Journal of the Egyptian German of Zoology. 137-148.
- 8- Denis Delic, Ulrich Warskulat, Elena Borsch, Saad Alkahtani, Saleh Al-Quraishy, Dieter Haussinger and Frank Wunderlich. 2010. Loss of Ability To Self-Heal Malaria upon Taurine Transporter Deletion. Journal of Infect. Immun: 1642-1649.
- 9- Saad Alkahtani. 2010. Different apoptotic responses to *Plasmodium chabaudi* malaria in spleen and liver. African Journal of Biotechnology. 9(45): 7611-7616.
- 10- Al-Eissa Mohammed Saad; Alhamidi A. R; Saad Alkahtani; Mohamed Abd ElKader Sandouka. 2010. Physiological aspects of Arabian Sand Gazelle semen and its cryopreservation. Advances in Bioresearch, 1(1): 145-149.
- 11- Saad Alkahtani. 2011. Apoptotic genes expression in mice hepatocytes during malaria infection. Journal of king Saud University (Science). 23: 63-68.
- 12- Al-Eissa Mohammed, Alhamidi A, Saad Alkahtani, Mohamed Abd ElKader Sandouka. 2011. Determination of the Arabian Sand Gazelle Sperm and Acrosomes Defects by Using Spermac Staining Technique. Asian Journal of Biological Science, 4(2): 138-147.
- 13- Saad Alkahtani. 2011. Malaria-induced apoptosis in the liver of IL-6R α deficient mice, Current Research Journal of Biological Sciences 4(4): 500-506.

- 14- M. S. AL-Eissa and Saad Alkahtani. 2011. Seasonal influence on some blood and biochemical's parameters of Jerboa (*Jaculus jaculus*) in Saudi Arabia. Research Opinions in Animal & Veterinary Sciences (ROAVS), 1(1): 51-54.
- 15- Saad Alkahtani, AL-Farraj S. A., Saud A. Alarifi, AL-Eissa Mohammed saad and Al-Dahmash B. 2011. Cytokine genes expression in mice hepatocytes during malaria infection. African Journal of Microbiology Research 5(16): 2311-2315.
- 16- Al-Eissa Mohammed Saad^{1*}, Alhamidi A. R², Mohamed Abd El Kader Sandouka³, Ibraheem A.S¹, Hamad Al-Yahya⁴, AL-Farraj, S⁴, Saad Alkahtani⁴ and Al-Dahmash B⁵. 2011. Scrotal, Testicular and Semen Characteristics of The Mountain Gazelle Males (*Gazella gazella*). African Journal of Microbiology Research 5(28): 5137-5141.
- 17- Al-Dahmash B. , Saad Alkahtani, AL-Farraj S. A., Saud A. Alarifi, AL-Eissa Mohammed saad, Hamad Al-Yahya², Marie,M.A. 2011. Histopathological types of colonic adenomas incidence of dysplastic changes in Riyadh , Saudi Arabia. *Journal of HealthMED*; 6(3): 813-818.
- 18- Al-Farraj, S. El-Gendy, A. Saad Alkahtani, El-Hedeny, M. 2011. Heavy Metals Accumulation in the Barnacle *Amphibalanus Amphitrite* from Alexandria, Mediterranean Sea. Research Journal of Environmental Sciences. 5(11): 806-811.

- 19- Al-Eissa, M. S. and Saad Alkahtani. 2011. Gestation effects on the hematological and biochemical profile of Nubian Ibex (*Capra Nubian*). *Research in Zoology*. 1:1-7.
- 20- AL-Eissa M. S., Saad Alkahtani, Al-Farraj S. A., Saud A. Alarifi, Al-Dahmash B. and Hamad Al-Yahya. 2012. Seasonal variation effects on the composition of blood in Nubian ibex (*Capra nubiana*) in Saudi Arabia. *African Journal of Biotechnology* 11(5): 1283-1286.
- 21- El-Gendy, A., Al-Farraj, S., Saad Alkahtani and El-Hedeny, M. 2012. Organochlorine Residues in Cuttlefish from the Arabian Gulf. *International Journal of Academic research* 4(1): 150-157.
- 22- El-Gendy, A., Al-Farraj, S., Saad Alkahtani and El-Hedeny, M. 2012. The Influence of Marine Pollution on Distribution and Abundance of Polychaetes. *Current Research Journal of Biological Sciences* 4(1): 40-47.
- 23- Al-Farraj, S., El-Gendy, A., Saad Alkahtani and El-Hedeny, M. 2012. The Impact of Sewage Pollution on Polychaetes of Al Khumrah, South of Jeddah, Saudi Arabia. *Research Journal of Environmental Sciences*: 1-12.
- 24- AL-Eissa M. S., Saad Alkahtani., Hamad Al-Yahya and Mohammed Al-Marsouq. 2012. Effect of Pregnancy on Haematological and Biochemical Profiles in the Mountain Gazelles (*Gazella gazelle*). *Current Research Journal of Biological Sciences* 4(4): 526-529.

- 25- Saad Alkahtani. 2012. Malaria-Induced Apoptosis in the Cells of Interlukine-6R" knockout Mice. Current Research Journal of Biological Sciences 4(4): 500-506.
- 26- Saud Alarifi, Saad Alkahtani, Amin Al-Doaiss, S.A. Al-Farraj, Mohammed saad Al-Eissa, B. Al-Dahmash, Hamad AlYahya and Mohammed Mubarak. 2012. Blood chemical changes and renal histological alterations induced by gentamicin in rate. Saudi Journal of Biological sciences, 19: 103-110.
- 27- Shuchen Gu, Michalis Kounenidakis, Eva-Maria Schmidt, Michael Föller, Konstantinos Alevizopoulos, Saad Alkahtani, Florian Lang and Christos Stournaras. 2013. Rapid activation of FAK/mTOR/p70S6K/PAK1-signaling controls the early testosterone-induced actin reorganization in colon cancer cells. Cellular Signalling, 25:66-73.
- 28- Saad Alkahtani. 2013. The early testosterone-induced actin reorganization in colon cancer is independent of iAR signaling. 63rd Panhellenic Congress; Hellenic Society of Biochemistry and Molecular Biology. Crete, 9-11 Nov 2012.
- 29- Gus. Kounenidakis, Schmidt E-M. Saad Alkahtani. Saud Alarifi, Föller, Konstantinos Alevizopoulos and Christos Stournaras. 2012. Testosterone-induced actin reorganization in colon cancer cells. 63rd Panhellenic Congress; Hellenic Society of Biochemistry and Molecular Biology. Crete, 9-11 Nov 2012.

- 30- Saud Alarifi, Daoud Ali, Saad Alakhtani, Ankit Verma and Bahy A Ali. 2013. cytotoxicity and genotoxicity of copper oxide nanoparticles in human skin keratinocytes cells. *International Journal of Toxicology*. 32(4) 296-307.
- 31- Saad Alakhtani. 2013. Testosterone induced apoptosis in colon cancer cells is regulated by PI3K/Rac1 signaling. *Asian Journal of Andrology*. 15(6): 831-834.
- 32- Vasileia Anagnostopoulou, Ioseph Pediaditakis, Saad Alkahtani, Eva-Maria Schmidt, Florian Lang, Achille Gravanis, Ioannis Charalampopoulos, Christos Stournaras. 2013. Differential effects of Dehydroepiandrosterone and Testosterone in prostate and coloncancer cell apoptosis: the role of Nerve Growth Factor (NGF) receptors. *Journal of Endocrinology*. 154(7):2446–2456.
- 33- Bahy Ali, Saud Alarifi, Saad Alkahtani, Maqsood Siddiqui. 2013. Arsenic trioxide mediated oxidative stress and genotoxicity in human hepatocellular carcinoma cells. *OncoTargets and Therapy*. 3: 75-84.
- 34- Saud Alarifi, Daoud Ali, Saad Alkahtani, Ankit Verma, Maqusood Ahamed, Mukhtar Ahmed, Hisham A Alhadlaq. 2013. Induction of oxidative stress, DNA damage, and apoptosis in a malignant human skin melanoma cell line after exposure to zinc oxide nanoparticles. *International Journal of Nanomedicine*. 8: 983–993.

- 35- Konstantinos Dimas, Natalia Papadopoulou, Constantinos Baskakis, Kyriakos C. Prousis, Michail Tsakos, Saad Alkahtani, Sabina Honisch, Florian Lang. 2013. Steroidal cardiac Na⁺/K⁺ ATPase inhibitors exhibit strong anti-cancer potential in vitro and in prostate and lung cancer xenografts in vivo. *Anti-Cancer Agents in Medicinal Chemistry*. 14, 762-770
- 36- Saud Alarifi, Daoud Ali, Saad Alakhtani, Entissar S. Al Suhaibani, Ahmed A. Al-Qahtani. 2013. Reactive Oxygen Species-Mediated DNA Damage and Apoptosis in Human Skin Epidermal Cells After Exposure to Nickel Nanoparticles. *Biol Trace Elem Res*. 157, (1): 84-93.
- 37- Soumya Chatterjee, Sebastian Schmidt, Stella Pouli, Sabina Honisch, Saad Alkahtani, Christos Stournaras and Florian Lang. (2014). Membrane Androgen Receptor Sensitive Na⁺/H⁺ Exchanger Activity in Prostate Cancer Cells. *FEBS letter*. 588, 1571-1579.
- 38- Sabina Honisch, Saad Alkahtani, Michalis Kounenidakis, Saud Alarifi, Guilai Liu, Hamad Al-Yahya, Abdullah A AlKahtane, Konstantinos Dimas, Bader Al-Dahmash, Konstantinos Alevizopoulos, Theodora Calogeropoulou, Florian Lang, and Christos Stournaras. (2014). A steroidal Na⁺/K⁺ ATPase inhibitor regulates the apoptotic cell death in prostate and lung tumor cells. *Anti-Cancer Agents in Medicinal Chemistry*, 14, 1161-1168.
- 39- Saad Alkahtani. (2014). The steroidal Na⁺/K⁺ ATPase inhibitor 3-[(R)-3-pyrrolidinyl]oxime derivative (3-R-POD) induces potent pro-apoptotic responses in colon tumor cells. *Anticancer research*, 36: 2967-2972.

- 40- Saud Alarifi. Daoud Ali. Saad Alkahtani. M. S. Alhader. (2014). Iron Oxide Nanoparticles Induce Oxidative Stress, DNA Damage and Caspase Activation in the Human Breast Cancer Cell Line. *Biol Trace Elem Res.* 159, (1-3): 416-424.
- 41- Shuchen Gu, Sabina Honisch, Michalis Kounenidakis, Saad Alkahtani, Saud Alarifi, Konstantinos Alevizopoulos, Christos Stournaras, Florian Lang. (2014). Membrane androgen receptor down-regulates cSrc-activity and beta-catenin transcription and triggers GSK-3 β -phosphorylation in colon tumor cells. *J. Cellular Biochem. Cell Physiol Biochem* (34): 1402-1412 .
- 42- Saad Alkahtani, Ahmed Al-Qahtani, Dennis K. P. Ng, Chin Shen Chang, Pankaj Tripathi, Bala Kolli, Kwang Poo Chang (2014). Endosome-targeting photodynamic therapy of cutaneous leishmaniasis caused by *Leishmania tropica*. *IJAS*.
- 43- Melina Tseliou, Saud A. Alarifi, Saad Alkahtani, Ahmed Al-Qahtani, Nektaria Goulidaki, George Sourvinos (2014). The effect of Rho small GTPases signaling in cytoskeleton and motility in human cytomegalovirus (HCMV) infected fibroblasts and glioblastoma cells. 64rd Panhellenic Congress; Hellenic Society of Biochemistry and Molecular Biology. Athens, 9-11 Nov 2014.

- 44- Saud Alarifi, Daoud Ali, Saad Alkahtani. M. S. Alhader. (2014). Iron Oxide Nanoparticles Induce Oxidative Stress, DNA Damage and Caspase Activation in the Human Breast Cancer Cell Line. *Biol Trace Elem Res* (2014) 159:416–424.
- 45- Konstantinos Dimas, Natalia Papadopoulou, Constantinos Baskakis, Kyriakos C. Prousis, Michail Tsakos, Saad Alkahtani, Sabina Honisch, Florian Lang, Theodora Calogeropoulou, Konstantinos Alevizopoulos and Christos Stournaras (2014). Steroidal Cardiac Na⁺/K⁺ ATPase Inhibitors Exhibit Strong Anti-Cancer Potential in vitro and in Prostate and Lung Cancer Xenografts in vivo. *Anti-Cancer Agents in Medicinal Chemistry*, 2014, 14, 762-770.
- 46- Nektaria Goulidaki, Saud A. Alarifi, Saad Alkahtani, Ahmed Al-Qahtani, Demetrios A. Spandidos, Christos Stournaras, George Sourvinos. (2015). RhoB is a component of the human cytomegalovirus assembly complex and is required for efficient viral production. *Cell Cycle*, 14 (17): 2748-2763.
- 47- Daoud Ali, Saud Alarifi, Saad Alkahtani, Abdullah A. AlKahtane and Abdulaziz Almalik (2015). Cerium Oxide Nanoparticles Induce Oxidative Stress and Genotoxicity in Human Skin Melanoma Cells. *Cell Biochem Biophys*. 71:1643–1651
- 48- Shuchen Gu, **Jennifer Müller Vom Hagen** , Saad Alkahtani, Abdullah A. Al Kahtane, Anna Tsapara, Andreas Hermann, Alexander Storch, Ludger Schöls, Florian Lang and Christos Stournaras (2015). Chorein Sensitive Arrangement of Cytoskeletal Architecture. *Cellular Physiology and Biochemistry*, (37):399-408.

- 49- Chang KP, Bala Kolli, Pankaj Tripathi, Dennis KP, Chin Shen, Saad Alkahtani, Ahmed Alqahtani, Camila Oliveria, Sayonara Mello, Laura Manna, AngeloElio, Jonthan head, Robert Elliott and Ramesh Bacho (2015). Photodynamic vaccination: Novel strategies of vaccine delivery by intraphagolysosomal parasite and their oxidative inactivations for safe and effective applications. 2nd international congress on bacteriology of infectious diseases.
- 50- Mohammed A. Al Gurabi, Daoud Ali, Saad Alkahtani and Saud Alarifi (2015). In vivo DNAdamaging and apoptotic potential of silver nanoparticles in Swiss albino mice. *OncoTargets and Therapy* 2015:8 295–302.
- 51- Guilai Liu, Sabina Honisch, Guoxing Liu, Sebastian Schmidt, Stavros Pantelakos, Saad Alkahtani, Mahmoud Toulany, Florian Lang and Christos Stournaras. (2015). Inhibition of SGK-1 enhances mAR-induced apoptosis in MCF-7 breast cancer cells. *Cancer Biology & Therapy* 16:1, 52-59.
- 52- Guilai Liu, Sabina Honisch, Sebastian Schmidt, Saad Alkahtani, Abdullah A. AlKahtane, Christos Stournaras, Florian Lang. (2015). Up-regulation of Orai1 expression and store operated Ca^{2+} entry following activation of membrane androgen receptors in MCF-7 breast tumor cells. *BMC Cancer*, 15:995.
- 53- Saad Alkahtani, Ahmed Al-Qahtani, Bala Kolli, Pankaj Tripathi, Dennis K. P. Ng and Kwang Poo Chang. (2015). Oxidative photoinactivation of *Leishmania* with polyamine-conjugated phthalocyanines for vaccination.

- 54- Saud Alarifi, Daoud Ali, Saad Alkahtani. (2015). Nanoalumina induces apoptosis by impairing antioxidant enzyme systems in human hepatocarcinoma cells. *International Journal of Nanomedicine* 2015:10 3751–3760.
- 55- Huma Ali, Savita Dixit, Daoud Ali, Saeed M Alqahtani, Saad Alkahtani, Saud Alarifi. (2015). Isolation and evaluation of anticancer efficacy of stigmasterol in a mouse model of DMBA-induced skin carcinoma. *Drug Design, Development and Therapy* 2015:9 2793–2800.
- 56- N. Papadopoulou, Saad Alkahtani, S. Honisch, K. Dimas, S. Alarifi, A. A. Alkahtane, K. Alevizopoulos, T. Calogeropoulou, F. Lang, and C. Stournaras.(2015). Istaroxime induces potent pro-apoptotic response in vitro and tumor regression in vivo in hormone-resistant prostate cancer.
- 57- Ahmed Al-Qahtani, Saad Alkahtani, Bala Kolli, Pankaj Tripathi, Abdullah. A. Al-Kahtane, Dennis K. P. Ng and Kwang Poo Chang. (2016). Polyamine-phthalocyanine-mediated photodynamic inactivation of *Leishmania tropica*. *Antimicrobial Agents and Chemotherapy*; 60 (4): 2003-2011.
- 58- Melina Tseliou, Saud A. Alarifi, Saad H. Alkahtani, Ahmed Al-Qahtani, Christos Stournaras, George Sourvinos. (2015). Differential role of Rho small GTPases in proliferation and migration in human

cytomegalovirus (HCMV) infected glioblastoma vells. Recent Journal of Clinical Virology Articles. 70: S121–S122.

- 59- Saad Alkahtani, Daoud Ali, Saud Alarifi. (2015). Impact of gadolinium oxide nanoparticles on viability of human liver-derived cell line. AGTA Conference. Hunter valley, Australia.
- 60- Ahmed Al-Qahtani, Saad Alkahtani, Bala Kolli, Pankaj Tripathi, Sujoy Dutta, Abdullah. A. Al-Kahtane, Xiong-Jie Jiang, Dennis K. P. Ng, Kwang Poo Chang. (2015). Amino-phthalocyanine-mediated photodynamic inactivation of *Leishmania tropica*. International Conference on medical, medicine and health Sciences, Bali, Indinesia, 23-24-2015.
- 61- Sabina Honisch, Ioana Alesutan, Tatsiana Panklodok, Saad Alkahtani, Saud Alarifi, Christos Stournaras. (2016). Chorein sensitive dopamine release from pheochromocytoma (PC12) cells. Neurosignals; 23:1-10
- 62- Abul Fajol, Bingbing Zhang, Sabina Honisch, Sebastian Schmidt, Saad Alkahtani, Saud Alarifi, Florian Lang, Christos Stournaras and Michael Föller. (2016). Fibroblast growth factor (Fgf) 23 gene transcription depends on actin cytoskeleton reorganization. FEBS Letters; (1): 1-11.
- 63- Alevizopoulos K, Dimas K, Papadopoulou N, Schmidt EM, Tsapar A, Saad Alkahtani, Honisch S, Prousis KC, Alarifi S, Calogeropoulou T, Florian Lang F, Stournaras C. (2016). Functional

characterization and anti-cancer action of the clinical phase II cardiac Na⁺/K⁺ ATPase inhibitor istaroxime: *in vitro* and *in vivo* properties and cross talk with the membrane androgen receptor. *Oncotargets*. 1-14.

- 64- Tseliou M, Alarifi S, Saad Alkahtani, Al-Qahtani A, Stournaras C, Sourvinos G. (2016). The role of RhoA, RhoB and RhoC GTPases in cell morphology, proliferation and migration in human cytomegalovirus (HCMV) infected glioblastoma cells *Cell. Physiol. Biochem*; 38:94-109.
- 65- Konstantinos Alevizopoulos, Konstantinos Dimas, Natalia Papadopoulou, Eva-Maria Schmidt, Anna Tsapara, Saad Alkahtani, Sabina Honisch, Kyriakos C. Prousis, Saud Alarifi, Theodora Calogeropoulou, Florian Lang and Christos Stournaras. (2016). Functional characterization and anti-cancer action of the clinical phase II cardiac Na⁺/K⁺ ATPase inhibitor istaroxime: *in vitro* and *in vivo* properties and cross talk with the membrane androgen receptor. *Oncotarget*; 1-14.
- 66- Melpomeni Tseliou, Saud Alarifi, Saad Alkahtani, Ahmed Al-Qahtani, Christos Stournaras, George Sourvinos.(2016). The role of RhoA, RhoB and RhoC GTPases in cell morphology, proliferation and migration in human cytomegalovirus (HCMV) infected glioblastoma cells. *Cell Physiol Biochem* 2016; 38:94-109.

- 67- Huma Ali, Savita Dixit, Daoud Ali, Abdullah A Alakahtane, Saud Alarifi, Bahy A Ali, Saad Alkahtani. (2016). Isolation and evaluation of biological efficacy of quercetol in the human hepatic carcinoma cells. *Drug Design, Development and Therapy*. 10 155–162.
- 68- Ahmed Al-Qahtani, Saad Alkahtani, Bala Kolli,, Maria da Graca H. Vicente, Dennis K. P. Ng, Kwang Poo Chang. .(2017). Endosome-targeting Si(IV)-phthalocyanines vary with their axial ligands for entry into parasitophorous vacuoles of *Leishmania* infected macrophages *in vitro*: Implications for photodynamic therapy and vaccination.
- 69-Anti-proliferative and apoptotic effects of Vitis quadrangularis extract in human skin epithelial carcinoma cells" *Drug Design, Development and Therapy*.
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