



Center of Innovation in Personalized Medicine Achievements 2018 to Date



Conferences



The Saudi Society for Medical Genetics Conference in KAUST



The 1st Child Health Conference



The Program for Supporting Research and Development in Universities Conference



The 5th Middle East Molecular Biology Congress and Exhibition



Events



Participation in coordination with RO'YA at the ArabHealth2019 event held in Dubai



Established new research theme under "Innovative Precision Therapeutics"



Collaborations

Awarded the Post-doctoral Research Fellowship from the Research and Development Office, the Ministry of Education.

Collaboration with King Abdullah University for Science and Technology (KAUST) in 3D Bioprinting and Nanomedicine

Hosting specialized faculty members from various colleges including Applied Medical Sciences, Science and Engineering at the King Abdulaziz University, University of Taif and Umm Al-Qura University in the field of 3D Bioprinting and Biotechnology



Publications

Anti-Angiogenic miR-222, miR-195, and miR-21a Plasma Levels in T1DM Are Improved by Metformin Therapy, Thus Elucidating Its Cardioprotective Effect: The MERIT Study.

Authors: Fahad W Ahmed, Sherin Bakhshab, Inda T Bastaman, Rachel E Crossland, Michael Glanville and Jolanta U Weaver. Int J Mol Sci 2018, 19(10). IF (3.226).

Genomic amplification of chromosome 7 in the Doxorubicin resistant K562 cell line.

Authors: Sara M. Ibrahim, Sajjad Karim, Heba Abusamra, Peter N. Pushparaj, Jalaluddin A. Khan, Adel M. Abuzenadah, Mamdooh A Gari, Sherin Bakhshab, Farid Ahmed, Mohammed H. Al-Qahtani. Bioinformation 2018, 14(9).

A novel homozygous nonsense mutation in CDC88A gene cause PEHO-like syndrome in consanguineous Saudi family

Authors: Abdulkareem, A.A., Abulnaja, K.O., Jan, M.M., Karim, S., Rasool, M., Ansari, S.A., Chaudhary, A.G., Al-Qahtani, M.H., Naseer, M.I.

Journal: ISSN:1874-1590-ISSN:3478-1590.Neurological Sciences, 2018

Use of Array Comparative Genomic Hybridization for the Diagnosis of DiGeorge Syndrome in Saudi Arabian Population.

Authors: Bahamat, A.A., Assidi, M., Lary, S.A., Almughamsi, M.M., Peer Zada, A.A., Chaudhary, A., Abuzenadah, A., Abu-Elmagd, M., Al-Qahtani, M.

Journal: Volume 154, Issue 1, April 2018, Pages 29-20.

Membranous or Cytoplasmic HER2 Expression in Colorectal Carcinoma: Evaluation of Prognostic Value Using Both IHC & BDISH.

Authors: Buhmeida, A., Assidi, M., Al-Maghrabi, J., Dallol, A., Sibiany, A., Al-Ahwal, M., Chaudhary, A., Abuzenadah, A., Al-Qahtani, M.

Journal: Cancer Investigation, Volume 36, Issue 7, February 2018, Pages 140-129.

Blocking of cytokines signalling attenuates evoked and spontaneous neuropathic pain behaviours in the paclitaxel rat model of chemotherapy-induced neuropathy.

Authors: Al-Mazidi, S., Alotaibi, M., Nedjadi, T., Chaudhary, A., Alzoghbi, M., Djouhri, L.

Journal: Volume 22, Issue 4, April 2018, Pages 821-810

Public awareness of central nervous system tumors in the Kingdom of Saudi Arabia .

Authors: Aljuhani, S.H., Bamaroof, S.A., Alghamdi, T.H., Almogbel, A.A., Alkhamash, A.S., Alkhamash, B.S., Bahusayn, A.A., Bangash, M.H., Baeesa, S.S., Chaudhary, A.G., Abuzenadah, A.M., Mirza, A.A., Saka, M.Y., Hussein, D.M.

Journal: Volume 23, Issue 3, July 2018, Pages 237-227.

KIF2A regulates the development of dentate granule cells and postnatal hippocampal wiring.

Authors: Homma, N., Zhou, R., Naseer, M.I., Chaudhary, A.G., Al-Qahtani, M.H., Hirokawa, N.

Journal: Volume 9, 7 January 2018, Article number e30935



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King Fahad Medical Research Center,
King Abdulaziz University, Jeddah, Kingdom of Saudi Arabia



+966 12 6401000
Ext. 72341