

## Publication

Chia Peng, Chin-Chen Yeh, Yi-Tung Lu, Saradaprasan Muduli, Qing-Dong Ling, **Abdullah A. Alarfaj**, Murugan A. Munusamy, S. Suresh Kumar, Kadarkarai Murugan, Hsin-chung Lee, Yung Chang, Akon Higuchi, (2016). Continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces, *j.biomaterials*.2015.10.039 <http://dx.doi.org/10.1016>

Akon Higuchi, Ching-Tang Wang, Qing-Dong Ling, Henry Hsin-chung Lee, S. Suresh Kumar, Yung Chang, **Abdullah A. Alarfaj**, Murugan A. Munusamy, Shih-Tien Hsu, Gwo-Jang Wu & Akihiko Umezawa (2015). A hybrid-membrane migration method to isolate high-purity adipose-derived stem cells from fat tissues. *Scientific Reports* | 5:10217 | DOI: 10.1038/srep10217

Pin-Yu Wang, Henry Hsin-chung Lee, Akon Higuchi, Qing-Dong Ling, Hong-Ren Lin, Hsin-Fen Li, S. Suresh Kumar, Yung Chang, **Abdullah A. Alarfaj**, Murugan A. Munusamy, Da-Chung Chen, Shih-Tien Hsu, Han-Chow Wang, Hung-Yi Hsiaom and Gwo-Jang Wun (2015). Pluripotency maintenance of amniotic fluid-derived stem cells cultured on biomaterials **J. Mater. Chem. B**, , 3, 3858

Ihab Mohamed Moussa, Ashgan Mohamed Hessain, Mustafa Abudo Gasseem, **Abdullah Abdulaziz Al-Arfaj** and Ismail Al Hazmi Mohamed. Genotyping of Salmonella enterica collected from poultry farms located in Cairo, Egypt by Multiplex-PCR. *Journal of Food, Agriculture & Environment* 2014; Vol.12 (1): 195 - 198.

Ismail Al Hazmi Mohamed, Ashgan Mohamed Hessain, **Abdullah Abdulaziz Al-Arfaj** and Ihab Mohamed Moussa. Molecular detection of Salmonella enterica serovars Typhimurium and Enteritidis in diarrheic calves. *Journal of Food, Agriculture & Environment* 2014, Vol. 12 (1): 192 - 194.

Ihab Mohamed Moussa, Yosra Samy Aleslamboly, **Abdullah Abdulaziz Al-Arfaj**. Molecular characterization of Salmonella virulence genes isolated from

different sources relevant to human health. Journal of Food, Agriculture & Environment 2013, Vol.11 (2): 197-201.

**Abdullah A. Al-Arfaj**, A. M. Murugan, Arunachalam Chinnathambi and M. I. Al-Hazmi. Cost-effective bentonite clayed pyramid technologies for household fruits and vegetables storage. Journal of Food, Agriculture & Environment 2013; Vol.11 (2): 175-180.

Murugan A. M., Chinnathambi, and **Abdullah A. Al-Arfaj** and Shine K. (2012). Influence of non-toxic pollution free calcium hydroxide on fruits and vegetable in different storage conditions. J. of pure and applied microbial. Vol. 6 (4).

**Abdullah A. Al-Arfaj**, Khalid A. A. Abdelrahim, Sobhy M Yakout and Sherif, H. Abd- Alrahman<sup>3</sup> Rapid mini-prep isolation of high quality small and large plasmids from phytopathogenic Gram negative bacteria. Afr. J. Microbiol. Res.

**Abdullah A. Al-Arfaj**, Ashgan M. Hessian, Al-Doss, A. Abdualah, Mohamed, I. AlHazmi and Ihab M. Moussa Molecular Identification of the False Negative Mycoplasma Isolates from Bovine Mastitis Infections. Journal of Pure and Applied Microbiology. 2013, Vol. 7(3).

Basheer A. Al-Sum, **Abdullah A. Al-Arfaj**. Antimicrobial activity of the aqueous extract of mint plant. Science Journal of Clinical Medicine. 2013; 2(3): 110-113.

Khalid A. Ali AbdelRahim, **Abdullah A. Al-Arfaj**, Ashraf M. A. Mashaly and Klaus Rudolph. Plasmids in races of *Xanthomonas axonopodis* pv. *malvacearum* (Xam), the causal agent of bacterial blight of cotton. African Journal of Microbiology Research 2013, Vol. 7(9), pp. 807-813.

Mohamed Al-Hazmi, **Abdullah Al-Arfaj**, Ashgan Mostafa., and Moussa Ihab. Molecular Detection of *Salmonella enteric* Serovar Enteritidis in

Chicken-Related Samples Collected from Egypt. Life Science Journal; 2013; 10(3).

Ashgan M. Hessain, **Abdullah A. Al-Arfaj** and Moussa I. Mohamed. Molecular typing of four major toxins of *Clostridium perfringens* recovered from Egypt. Journal of Food, Agriculture & Environment 2013, Vol.11 (1): 151 - 155.

Ashgan M. Hessain, **Abdullah A. Al-Arfaj**, Mohamed I. Al-Hazmi, Hemeg A. Hassan and Moussa I. Mohamed. Preparation of the Immunoglobulin Y (IgY-antibodies) against Saudi *Echis carinatus* Snake Venom. Journal of Pure and Applied Microbiology, Nov. 2013. Vol. 7(Spl. Edn.), p. 325-331.

Ashgan M. Hessain, **Abdullah A. Al-Arfaj**, Moussa I. Mohamed and Mohamed I. Al-Hazmi. Phylogenetic Relationships of *Escherichia coli* Isolates Associated with Bovine Fecal and Milk samples. 2013; Vol. 7(Spl. Edn.), p. 01-12.

Moussa I. Mohamed, Ashgan M. Hessain. Dalia K. Ismail, **Abdullah A. Al-Arfaj** and Hemeg H.A. Molecular Detection and Characterization of Shiga Toxigenic *Escherichia coli* Associated with Dairy Product. Journal of Pure and Applied Microbiology, 2013. Vol.7(Spl. Edn.), p. 441-445.

Rajana M., V. Raja, **Abdullah A. Al-Arfaj**, Muruganb A.M.. Hyaluronidase enzyme core-5-fluorouracil-loaded chitosan-PEG-gelatin polymer nanocomposites as targeted and controlled drug delivery vehicles. International Journal of Pharmaceutics 453, (2013), 514– 522.

**Abdullah A. Al-Arfaj**, Basheer A. Al-Sum and Omar H. M. Shair. Characterization of Bacteriophages as Indicators of Bacterial Contamination in Marketed Leafy Vegetables From Riyadh, Saudi Arabia. Journal of Pure And Applied Microbiology, December 2012. Vol. 6(4), p. 1753-1757.

Ashraf A. Mostafa, A.N. Al-Rahmah, Ahmed Abdel-Megeed, Essam Nageh Sholkamy, **Abdullah A. Al-Arfaj** and Mohamed S. El-shikh. Fungitoxic Properties of Some Plant Extracts Against Tomato Phytopathogenic Fungi. Journal of Pure and Applied Microbiology, December 2012; Vol. 6(4), p. 1889-1898.

- Essam Nageh Sholkamy, Hesham El-Komy, **Abdullah A. Al-Arfaj**, Ahmed Abdel-Megeed, Ashraf A. Mostafa. Potential role of *Nostoc muscorum* and *Nostoc rivulare* as biofertilizers for the enhancement of maize growth under different doses of n-fertilizer. *African Journal of Microbiology Research* 2012; Vol. 6(48), pp. 7435-7448.
- Ihab M. Moussa, Ashgan M. Hessian, Abdulaziz M. Aleisa, **Abdullah A. Al-Arfaj**, Ounier M. Salem-Bekhit, Salim A. AlRejai, Protective efficacy of immunoglobulins Y prepared against *Cerastes cerastes* snake venom in the Kingdom of Saudi Arabia. *Saudi Med J.* 2012; Vol. 33 (8).
- Moussa I. M., Ashgan M. H., Abdulaziz M. Aleisa, **Abdullah A. Al-Arfaj** and Salim A. I. Rejaie. Evaluation of the protective efficacy of immunoglobulin Y (IgY- antibodies) prepared against *Walterinnesia aegyptia* snake venom in Saudi Arabia. *African Journal of Biotechnology* 2012, Vol. 11(72), pp. 13726-13731.
- Selim S. A., Mousa W. M., Mohamed K. F. Ashgan M. H., **Al-Arafaj A. A.** and Moussa I. M. Evaluation of the synergistic haemolytic activity of phospholipase D produced by *Corynebacterium pseudotuberculosis*. *African Journal of Microbiology Research* 2012; Vol. 6(46), pp. 7306-7313.
- Sholkamy E.N., Abdel-Megeed A., Elnakieb A.A. Fatma and **Al-Arfaj A.** Biodiesel Production and Biotechnological Applications from Microalgae Isolated from Water System of Riyadh, Saudi Arabia. *Journal of Pure and Applied Microbiology*, December 2012. Vol. 6(4), p. 1653-1662.
- Abdullah A. Al-Arfaj**, Abdelnasser S.S. Ibrahim, Ali Mohammed Somily and Ali A. Al-alamah. Genetic basis of carbapenem resistance in *Acinetobacter* clinical isolates in Saudi Arabia. *African Journal of Biotechnology*. 2011; Vol. 10(64), pp. 14186-14196.