

## ***Subject wise Scientific Research Papers Published by Faculty Members of College of Applied Medical Sciences during the year 2013***

### ***Chemical Sciences***

Ayman M. F. Elgohary, E. M. Ezz El-Arab 2013. Green and efficient synthesis of some pyrido [2,3-d]pyrimidin-4(3h)-one derivatives via iodine catalyst in aqueous media and evaluation the synthesized compounds as anticancer Science Journal of Chemistry 1(1): 1-6

Hamed M. Abdel-Bary, Kamel A. Moustafa, Ibrahem Y. Abdel-Ghaney, Khaled M. Sallam & Hesham A. Shamsel-Din 2013. Synthesis and radioiodination of new dipeptide coupled with biologically active pyridine moiety ISSN 0236-5731 Volume 298 Number 1 J Radioanal Nucl Chem 298:9-18

### ***Immunology and Physiology***

Choudhary RK, Rizvi MR; 2013. Evaluation of Hepatitis B Core Antibody (Total) in the presence of ID-NAT; Majmaah J. Health Sciences, Vol-1, No.2; p22-28.

El-Safey M. El-Safey 2013. Survival and growth of Escherichia coli O157:H7 in Sogok. International Journal of Microbiology and Immunology Research Vol. 1(1), pp. 001-009.

Gomaa Abdelarheim Abdel-Alim and Mohamed Saleh, al-aboodi. 2013. Attempts for detection of nanoparticles-nanobacteria and distribution of their antibodies in Saudi patients with Urolithiasis. European Scientific Journal vol.9, No.27, 97-106

Fahad Aldhafiri, Abdallah Al-Nasser, Abdulaziz Al-Sugair, Sheila Khanna, Faisal S. Ahmed, Hanan Al-Mutairi, and John J. Reilly. 2013 Importance of Adjusting Dual-energy X-Ray Output for Body Size: An Example From Survivors of Childhood Acute Lymphoblastic Leukemia. J Pediatr Hematol Oncol \_ Volume 35, Number 1, January 2013 Pp e-27-e29

Fahad K. Aldhafiri, John H. McColl, and John J. Reilly. 2013 Prognostic Significance of Being Overweight and Obese at Diagnosis in Children With Acute Lymphoblastic Leukemia. J Pediatr Hematol Oncol \_ Volume 00, Number 00, '' 2013

F. K. Aldhafiri,\* J. H. McColl† & J. J. Reilly. 2013 Prevalence of being underweight and overweight and obesity at diagnosis in UK patients with childhood acute lymphoblastic leukaemia 1985–2002. J Hum Nutr Diet. doi:10.1111/jhn.12112. 2013

Manzoor A Mir, Raid S Albaradie 2013. Hypersensitive allergic reactions are caused by Pollen abundantly found in air during the spring and autumn seasons Int. J. Pure App. Biosci. 1 (3): 68-80

Manzoor A Mir, Raid S Albaradie and Agrewala JN. 2013. Reverse costimulation through anti-B7-1 and anti-B7-2 in the survival of Mycobacterium tuberculosis in antigen presenting cells. 2013. IJBPA, May, 2013, 2(5): 1024-1043

Manzoor A Mir and Raid S Albaradie. 2013. Tuberculosis time bomb a global emergency: urgent need for alternative vaccines. Majmaah J. Health Sciences. Vol. 1 No. 1 Pp 87-93

Moattar R Rizvi 2013 Animal Models of Non cirrhotic Portal Hypertension (NCPH) Majmaah J. Health Sciences. Vol.1(1) 58-70.

Nesreen G. AL-abdallat, Mohammed S. El-Khateeb, Helen Shaji John Cecily, Allam Khaleel. 2013 The Correlation Between Plasma Interleukin-18 Level And Disease Activity In Jordanian Patients With Different Connective Tissue Diseases. International Journal of Scientific & Technology Research. 2013; volume 2, issue 8:311-315.

Nesreen G. AL-abdallat, Mohammed S. El-Khatee, Helen Shaji John Cecily<sup>1</sup>, Allam Khaleel. 2013 Correlation between Plasma Interleukin-18 Level and Disease Activity in Jordanian Patients with Rheumatoid Arthritis. International Journal of Health Sciences and Research 2013; Vol.3; Issue 7:53-57

Nesreen G. AL-abdallat, Mohammed S. El-Khateeb, Helen Shaji John Cecily. 2013 The Correlation between Plasma Interleukin-18 Level and Disease Activity in Patients with Systemic Lupus Erythematosus . Journal of Nursing and Health Science. 2013;Volume 2; Issue 3: PP 52-55

Omar S.O. Amer Mohamed A. Dkhil and Saleh Al-Quraishy. Antischistosomal and Hepatoprotective Activity of Morus alba Leaves Extract Pakistan J. Zool., vol. 45(2), pp. 387-393, 2013

Raid Albaradie, Selvin M, Bosutti A, Qi J, Pennucci R, Bolton D, Matou S, Ali K, Tsai LH, Krupinski J, et al. 2013. Targeting p35/Cdk5 Signalling via CIP-Peptide Promotes Angiogenesis in Hypoxia. PLoS One. 2013 Sep 30;8(9):e75538. doi: 10.1371/journal.pone.0075538.

Raid Albaradie Anand S B 2013 Portable Smart Non Invasive Hemoglobin Measurement System KACST patent No. 112330349.

Raid Albaradie Anand S B 2013 Portable Smart Non Invasive Hemoglobin Measurement System 10<sup>th</sup> International Multi Conference on System, Signals & Devices Hammamet, Tunisia proceedings IEEE conference proceedings (978-1-4673-6457-7)

*Randa S, Abdelhamid D and Faizan Z Kashoo : 2013 Relationship between endometrial thickness and body mass index in post-menopausal women: Indian Journal of Physiotherapy & Occupational Therapy. Vol 5, No 3*

*Rehan M Asad, Moattar R Rizvi, Sami Waqas, Kamran Afzal. 2013 Gentamicin Induced Neurodegenerative Changes in Auditory Cortex of Adult Albino Rats. Majmaah J. Health Sciences. Vol; 1(1) 11-17*

### **Microbiology**

*El-Shehedi, Mona, A.; Mostafa, M. Eraqi and Aisha, R. Ali, 2013 Characterization of Escherichia coli from diarrheic calves with special reference to plasmid profile Journal of American Science;9(7)*

*El-Safey M. El-Safey, Houssam M. Atta and Khalid M. Aljarallah 2013. Antibiotic Production by Streptomyces hygrosopicus, M 121 Isolated from Kingdom of Saudi Arabia. Life Science Journal;10(2):1157-1163.*

*El-Safey M. El-Safey and khaled M. Aljaralah, 2013. Detection of E. coli O157:H7 and Salmonella spp. in some Saudi foods. N. Egypt. J. Microbiol. Vol. 34:55-75.*

*El-Safey M. El-Safey, 2013. Incidence of Salmonella heidelberg in some Egyptian foods. International Journal of Microbiology and Immunology Research Vol. 1(2), pp. 016-025*

*El-Safey M. El-Safey 2013. Behavior of Salmonella heidelberg in fruit juices. International Journal of Nutrition and Food Sciences. Vol. 2, No. 2, pp. 38-44. doi: 10.11648/j.ijnfs.20130202.13*

### **Mathematical Sciences**

*M.Al-Hawari "The ratios between the numerical radius and the spectral radius of a matrix and the square root of the spectral norm of the square", International Journal of Pure and Applied Mathematics, Volume 82, No. 1 (2013). 125-131*

*M. Al-Hawari and Abdullah Ahmed Aldahash, 2013. "New Inequalities for Numerical Radius of Hilbert Space Operator And New Bounds For The Zeros Of Polynomials". JOURNAL OF Physics: Conference Series (JPCS) Volume 423, (1-6)*

*M.Al-Hawari 2013. " Inequalities For Numerical Radius And The Spectral Norm Of Hilbert Space Operators", Mathematical Theory and Modeling Journal, Vol 3, No 2. (121-124)*

M.Al-Hawari and Al-Askar, F.M. 2013. " Some Extension and Generalization of the Bounds for the Zeros of a Polynomial with Restricted Coefficients." ", *International Journal of Pure and Applied Mathematics*, Nov. (Accepted)

### **Physiotherapy**

Abdelhamid D, Rada U: 2013. *Effect of strengthening exercises of Shoulder muscles on hand function in hemiplegic children; Indian Journal of Physiotherapy & Occupational Therapy*. Vol. 7, No. 2

Abu Shaphe Irshad Ahmad Faizan Z Kashoo, Shadabu ddin *Effect of aerobic exercises on blood pressure in mild and moderate hypertensive middle aged and older patients. MAJMAAH J. HEALTH SCIENCES 2013 Vol. 1 issue 1*

Amal. M. Abd El Baky, Sahar. M. Adel, 2013. *Efficacy of 12-week Pulmonary Rehabilitation Program on Exercise Capacity of Burned Children: A Randomized Control Study. AJRC, 1(7): 13-25*

Fuzail A. Shadabudin S. 2013. *Effect of lumbar stabilization exercises versus pressure feedback training in low back ache patients. ESJ, Special/ edition No.3, 687-695.*

Unnikrishnan RI, Deghidi A NI, Babu A 2013 *Correlation between Foot and Ankle Characteristics with Functional Abilities and Balance among South Indian Geriatrics, Vol. 8, No. 2 245.*

Walaa Sayed Mohammad, Osama Ragaa Abdelraouf and Amr Almaz Abdel-aziem. 2013 *Concentric and eccentric strength of trunk muscles in osteitis pubis soccer players. 2013. Journal of Back and Musculoskeletal Rehabilitation DOI 10.3233/BMR-130429*

Walaa Sayed Mohammad and Walaa Mohamed El-Sais 2013 *Prevalence of non-specific self-reported back pain among adolescents at Hail Territory-KSA., Journal of Asian Scientific Research 3(10), 1036-1045.*

### **Radiology**

Ra- Khaldoon M. Radaideh, Laila M. Matalqah, A. A. Tajuddin, W. I. Fabian Lee, S. Bauk, E. M. Eid Abdel Munem 2013 *Development and evaluation of a Perspex anthropomorphic head and neck phantom for three dimensional conformal radiation therapy (3D-CRT) Journal of Radiotherapy in Practice – 12 272-28.*

Hayder Salah Naeem, Pegah Moradi Khaniabadi, & Eid Mahmoud Eid- *A Comparison between Neutron Activation Analysis and X-Ray Fluorescence Methods in Analyzing the Granite Samples. Journal of Chemistry and Chemical Engineering- 7 (2013) 803-807*



*Khaldoon M. Radaideh, Laila M. Matalqah, A. A. Tajuddin, W. I. Fabian Lee, S. Bauk, E. M. Eid Abdel Munem. Development and evaluation of a Perspex anthropomorphic head and neck phantom for three dimensional conformal radiation therapy (3D-CRT) Journal of Radiotherapy in Practice 12(2013)272-280*

### **Toxicology**

*Ahmed Khamis Salama, Khaled Ahmed Osman and Omran Abdellah. Omran. 2013 Pesticides-induced oxidative damage: Possible in vitro protection by antioxidants, Journal of Toxicology and Environmental Health Sciences vol. 5, No. 5, pp. 79-85*

*Ahmed Khamis Salama & Khaled Ahmed Osman. 2013 Remediation of Pesticide-Polluted Water using Ozonation as a Safe Method, Global J. Human Soc. Science, vol XIII:11-17*

*Hayder Salah Naeem, Pegah Moradi Khaniabadi, & Eid Mahmoud Eid 2013. A Comparison between Neutron Activation Analysis and X-Ray Fluorescence Methods in Analyzing the Granite Samples Journal of Chemistry and Chemical Engineering, 7, 803-807 ISSN: 1934-7510*

*Khaled M.A. Mahran, 2013 Clinicopathological Studies on Endosulfan-Induced Oxidative Stress and the Protective Role of Vitamin E Global Veterinaria 11 (2): 258-265*

*Khalid Saleh Ali Aldroobi, A. Shukri, Sabar Bauk, Eid Mahmoud Abdel Munem, Ali M. A. Abuarra – 2013. Determination of arsenic and mercury level in scalp hair from a selected population in Penang, Malaysia using XRF technique Radiation Physics and Chemistry 91, 9–14*

## ***Subject wise Paper/Abstracts Published by CAMS faculty members in international conferences***

### **Bioelectronics**

*Anand S B and Raid S Albaradie 2013. PC Based Data Acquisition System for Biomedical Signals 41st International Exhibitions of Inventions of Geneva, Switzerland Awarded Gold Medal.*

*Ibrahim AlMohimeed and Yuu Ono “Wearable ultrasonic transducer for monitoring skeletal muscle contraction,” in Proceeding 33rd Symposium on Ultrasonic Electronics, Chiba, Japan Nov. 13-15, 2012.*

*Ibrahim AlMohimeed, Hisham Turkistani, and Yuu Ono “Development of Wearable and Flexible Ultrasonic Sensor for Skeletal Muscle Monitoring,” accepted at IEEE International Ultrasonics Symposium, Prague, Czech Republic Jul. 21-25, 2013*

*Nasser Ali Aljarallah, Santhanaraj Balakrishnan, Jamel K Smida, Hedi Ammar Guesmi, Emmanuel Gunaseelan R. Derivation of Optimal Molecular Sensor dose for the detection of malignancies and*

*technique optimization OMICS CONF: 2<sup>nd</sup> International Conference and Exhibition on Biosensors & Bioelectronics. June 17-19, 2013, Chicago, USA.*

*Nasser Ali Aljarallah, Santhanaraj Balakrishnan, Anandh Sam Chandra Bose, Jamel Smida, Emmanuel Gunaseelan R Dose optimization of Molecular Probes for young children and Pediatrics for fMRI and FDG PET. OMICS CONF: 2<sup>nd</sup> International Conference and Exhibition on Biosensors & Bioelectronics. June 17-19, 2013, Chicago, USA.*

*Tarek I Haweel and Javid I Bangash, "Volterra Neural Analysis of Fetal Cardiotocographic Signals", pp.1-5, American University of Sharjah, UAE, 11-14-Feb-2013. IEEE International Conference on Communications, Signal Processing and Their Applications (ICCSPA'13),*

*Tarek I Haweel and M. T. Haweel, Adaptive Multichannel LMS Signal Decoupling, Abu Dhabi - UAE, 2013 IEEE International Conference on Electronics, Circuits, and Systems,*

*Tarek I Haweel and M. T. Haweel, Adaptive LMS Discrete 2-D Orthogonal Transforms, Second International Japan-Egypt Conference on Electronics, Communications and Computers JEC-ECC 2013*

## ***Immunology and Physiology***

*Hisham Turkistani, Ibrahim AlMohimeed, and Yuu Ono 2013 "Continuous monitoring of muscle thickness changes during isometric contraction using a wearable ultrasonic sensor," in Conference of the Canadian Medical and Biological Engineering Society, Ottawa, Canada May. 21-24.*

*Manzoor A Mir, Raid S Albaradie and Agrewala JN, 2013. Reverse signaling upregulates the pro-apoptotic molecules and down regulates anti-apoptotic molecules in cancers. Nature Publishing Group Conference, International Conference on Cancer Therapeutics: From Bench to Bed 4- 6 Nov 2013 at La Jolla, California 92037 USA*

*Manzoor A Mir, Raid S Albaradie and Agrewala JN 2013 Innate-effector immune response elicitation against intracellular pathogens through anti-CD80 and anti-CD86 signaling" 5<sup>th</sup> International Conference of Microbiology and Biotechnology 3-6<sup>th</sup> March 2013 Springer group conference Basra.*

*Manzoor A Mir, Raid S Albaradie and Agrewala JN, 2014. Costimulation Influences the growth and survival of lymphomas. Keystone Symposia Conference Q3: Prophylactic and Therapeutic Antibodies, February 9, 2014-February 14, 2014, at the Keystone Resort, Keystone, Colorado, USA*

*Raid S Albaradie Anand S B 2013 Portable Smart Non Invasive Hemoglobin Measurement System 10<sup>th</sup> International Multi Conference on System, Signals & Devices Hammamet, Tunisia.*

*Raid S Albaradie Anand S B 2013 Determination of Blood Hemoglobin and Hematocrit and MCHC Non-Invasively. 41<sup>st</sup> International Exhibitions of Inventions of Geneva, Switzerland awarded Gold Medal*

## ***Mathematical and Computer Sciences***

*M. Al-Hawari and Abdullah Ahmed Aldahash, "New Inequalities for Numerical Radius of Hilbert Space Operator And New Bounds For The Zeros Of Polynomials 2013 International Conference on Science & Engineering in Mathematics, Chemistry and Physics (ScieTech 2013)(99-105)*

Vinoth K 2013 “Ranking Measures for Web pages in Semantic Web Search” International Conference on Computing and control Engineering, IC<sup>3</sup>E 2013.

### ***Books published by CAMS faculty during the year 2013***

Faizan Kashoo , RaidSaleem Baradie , Mehrunnisha Kashoo. 2013 Geriatric Fall Assessment ISBN-13: 978-3659403705 Lab Acad Press Ger.

Manzoor A Mir, Raid S Albaradie and Abdul R Alharbi Costimulation Immunotherapy for Autoimmunity, Transplantation and Lymphomas: 2013. ISBN:978-1-62808-519-8 Nova Sci. Pub. USA

Manzoor A. Mir, Raid S Albaradie and Javed N. Agrewala. 2013. Cancer and Infectious Diseases: Modern Approaches of Treatment ISBN No. 978-3-659-39067-8 Lam. Pub. Ger.

Raid Al-Baradei, Fuzail Ahmad & Moattar Raza Rizvi, 2013 Motor Relearning & Upper Limb Functional Recovery after Stroke. Lambert Academic Publication; ISBN No 9783659464683

Raid Al-Baradie, Abdelhamid Deghidi and Intsar Waked, 2013 Rehabilitation of Stroke Gait: For Physical Therapists & Health Care Providers. Lambert Academic Publishing ISBN No. 9783659481901

Raid Al-Baradie, Faizan Kashoo and Abdelhamid Deghidi 2013 Stroke Gait and Limb Overloading: Carry-over effects of overloading of the lower hemiparetic extremity in Chronic stroke population, Lambert Academic Publishing ISBN No. 9783659475603

Randa Shallan, Abdelhamid Deghidi, Faizan Kashoo 2013 Endometrial Thickness and Body Mass Index in Postmenopausal Women. Lambert Academic Publishing ISBN No. 9783659394355

