Volume 18 Issue 1 February 2023





# Journal of Taibah University Medical Sciences

Indexed with

Scopus, Web of Science, PubMed Central, and Directory of Access Journals (DOAJ) A full member of Committee on Public Ethics (COPE).

ISSN: 1658-3612

Editor-in-Chief Professor Abdulmohsen Hamdan Al-Zalabani, MD, ABCM, MHPE Taibah University, College of Medicine, Department of Family and Community Medicine, Madinah, Saudi Arabia Epidemiology, Preventive Medicine Deputy Editors-in-Chief Professor Fawzia Ahmed Habib, MD Taibah University, College of Medicine, Department of Obstetrics and Gynecology, Madinah, Saudi Arabia Obstetrics and Gynecology Professor Muhammad Sohail Zafar, PhD (UK), PGCert DentEd (Dundee) Taibah University, College of Dentistry, Department of Restorative Dental Sciences, Madinah, Saudi Arabia Dentistry, Regenerative Medicine, Dental Biomaterials, Restorative Dentistry, Dental Education, Tissue engineering, Nanomaterials Associate Editors Professor Dina Saad El-Agamy, PhD Taibah University, College of Pharmacy, Department of Pharmacology and Toxicology, Madinah, Saudi Arabia Pharmacology and Toxicology Assoc. Professor Abdulraheem M. A. Alshareef, PhD Taibah University, College of Applied Medical Sciences, Department of Medical Laboratory Technology, Madinah, Saudi Arabia Hematology and Blood Bank Assoc. Professor Emad Sabri Rajih, MD Taibah University, College of Medicine, Department of Urology, Madinah, Saudi Arabia Urology Assoc. Professor Walaa Abdullah Mumena, PhD Taibah University, Faculty of Applied Medical Sciences, Department of Clinical Nutrition, Madinah, Saudi Arabia Human Nutrition, Nutritional Epidemiology Assist. Prof. Anwar A. Sayed, PhD Taibah University, College of Medicine, Department of Medical Microbiology and Immunology, Madinah, Saudi Arabia Medical Microbiology and Immunology Editorial Board Professor Abdelgalil Abdel Gader, MD, PhD, FRCP King Saud Bin Abdulaziz University for Health Sciences (KSAU-HS), Department of Basic Medical Sciences, Riyadh, Saudi Arabia Physiology Professor Elizabeth Susan Anderson, PhD University of Leicester, School of Medicine, Department of Medical Education, Leicester, United Kingdom Medical Education, Interprofessional Education Assoc. Professor Muhamad Saiful Bahri, PhD Universiti Sains Malaysia, Department of Medical Education, Kelantan, Malaysia

Psychometrics, Medical Education, Assessment

# Professor Hugh Barr, PhD

University of Westminster, Department of Interprofessional Education, London, United Kingdom

Medical Education, Interprofessional Education

# Assoc. Professor James G. Jarvis, MD, FRCSC

University of Ottawa, Department Orthopedic Surgery,, Ottawa, Ontario, Canada Orthopaedic Surgery

# Professor Omar F. Khabour, PhD

Jordan University of Science and Technology, Department of Medical Laboratory Sciences, Irbid, Jordan

Molecular Biology

# Professor Tariq Ahmed Madani, MD

King Abdulaziz University, College of Medicine, , Department of Internal Medicine, Jeddah, Saudi Arabia

Infectious Diseases

# Professor Rayaz Malik, MBChB, PhD

Weill Cornell Medicine - Qatar, Doha, Qatar

Diabetic neuropathy

# Assoc. Professor Esam Tashkandi, PhD

King Saud University, Department of Prosthetic Dental Sciences College of Dentistry, Riyadh, Saudi Arabia

Prosthetic Dental Science

# Professor Mohamed Adnan Zolaly, MD

Tiabah University, College of Medicine, Department of Pediatrics, Madinah, Saudi Arabia Pediatric Hematology Oncology

## CONTENTS

1.	Allied health sciences
	1. $\Box$ . Comparing the effects of retro and forward walking on serum adiponectin
	levels in obese young adults
	Research articleOpen access
	Comparing the effects of retro and forward walking on serum adiponectin levels
	in obese young adults
	Khalid Alkhathami, Ajith Soman, Sunil Chandy, Baranitharan Ramamoorthy, Bijad

#### Alqahtani

#### Pages 917-925

# Download PDF

#### Article preview

2.  $\Box$  . Establishing a cerebral palsy registry in Kuwait: An exploratory study Research article*Open access* 

Establishing a cerebral palsy registry in Kuwait: An exploratory study Anwar B. Almutairi, Arwa E. AlAbdullkarim, Afnan A. Al-Shatti

# Pages 947-953

Download PDF

Article preview

3.  $\Box$  . The role of nurses to control beta thalassemia disease in Indonesia:

A perspective

CorrespondenceOpen access

The role of nurses to control beta thalassemia disease in Indonesia: A perspective Henri Setiawan, Andan Firmansyah, Selvia D. Richard

# Pages 964-966

Download PDF

Article preview

4. □ . Developing a knowledge, attitude, and practice questionnaire on nutrition, physical activity, and body image for 13–14-year-old female adolescents

Research articleOpen access

Developing a knowledge, attitude, and practice questionnaire on nutrition, physical activity, and body image for 13–14-year-old female adolescents

Abeer A Bahathig, Hazizi Abu Saad, Nor Baizura Md Yusop, Nurul Husna Mohd Sukri Pages 976-987

#### Download PDF

2. Clinical Medicine

1. □ . Medication adherence and environmental barriers to self-care practice among people with diabetes: A cross-sectional study in a lifestyle clinic in eastern India Research article*Open access* 

Medication adherence and environmental barriers to self-care practice among people with diabetes: A cross-sectional study in a lifestyle clinic in eastern India Archisman Ghosh, Saugat Banerjee, Chanchal K. Dalai, Sirshendu Chaudhuri, ... Deblina Sarkar Pages 909-916

Download PDF

2. Prevalence and patterns of bone mineral density disorders among women in Buraidah, KSA

Correspondence*Open access* 

Prevalence and patterns of bone mineral density disorders among women in Buraidah, KSA

Mahmood D. Al-Mendalawi

Page 999

# Download PDF

# 3. Dentistry

1. 
Conduct dental care for uncontrolled diabetic patients during COVID-19 pandemic

Correspondence*Open access* 

Conduct dental care for uncontrolled diabetic patients during COVID-19 pandemic

Giath Gazal, Wael Elmalky, Muhammad S. Zafar

Pages 997-998

Download PDF

4. Health professions education

1. □ . Self-doubt masked in success: Identifying the prevalence of impostor phenomenon among undergraduate dental students at Qassim University Research article*Open access* 

Self-doubt masked in success: Identifying the prevalence of impostor phenomenon among undergraduate dental students at Qassim University

Minal V. Awinashe, Shazia Nawabi, Asma M. Khan, Shaul H. Kolarkodi, ... Muhammad Q. Javed

Pages 926-932

Download PDF

5. Multidisciplinary research

1. □ . <strong>Virtual screening, pharmacokinetic, and DFT studies of anticancer compounds as potential <em>V600E-BRAF</em> kinase</strong> <strong>inhibitors</strong>

Research articleOpen access

# Virtual screening, pharmacokinetic, and DFT studies of anticancer compounds as potential *V600E-BRAF* kinase inhibitors

Abdullahi B. Umar, Adamu Uzairu

# Pages 933-946

# Download PDF

2.  $\Box$  . Histological evaluation of the effects of bone morphogenetic protein 9 and angiopoietin 1 on bone healing

Research article*Open access* 

Histological evaluation of the effects of bone morphogenetic protein 9 and angiopoietin 1 on bone healing

Enas Fadhil, Rasha H. Dosh, Zena J. Wally, Julfikar Haider

Pages 954-963

Download PDF

3. □ . The synergistic effects of hydroxychavicol and amphotericin B towards yeast-hyphae transition and the germination of <em>Candida albicans</em> Research article*Open access* 

The synergistic effects of hydroxychavicol and amphotericin B towards yeasthyphae transition and the germination of *Candida albicans* 

Wan H.A.W. Harun, Che O.N. Zulaila, Ayesha Fahim, Nasar U.M. Allah Pages 967-975

## Download PDF

4.  $\Box$  . Community-based management of acute malnutrition: Implementation quality, and staff and user satisfaction with services

Review article*Open access* 

Community-based management of acute malnutrition: Implementation quality, and staff and user satisfaction with services

Joshua A. Akuu, Moses A. Amagnya

Pages 988-996

# Download PDF

5.  $\Box$  . New flavone-based arylamides as potential <em>V600E-BRAF</em> inhibitors: Molecular docking, DFT, and pharmacokinetic properties

Research article*Open access* 

New flavone-based arylamides as potential *V600E-BRAF* inhibitors: Molecular docking, DFT, and pharmacokinetic properties

Abdullahi B. Umar, Adamu Uzairu

Pages 1000-1010

Download PDF