

CAMSJ Research Output Classified According to National RDIA Priorities in Saudi Arabia, 2021

1.1: Increase healthy life expectancy by 5 years by 2040

Faculty Name	Department	Research Title	Journal Name	Type of Paper	Indexed	Quartile Rank
Dr. Abeer M Alsubaie	Medical Laboratory Science	Network analysis of transcriptomics data for the prediction and prioritization of membrane-associated biomarkers for idiopathic pulmonary fibrosis (IPF) by bioinformatics approach	Advances in Protein Chemistry and Structural Biology	Research (Book Chapter)	Scopus	Q2
Dr. Abeer M Alsubaie	Medical Laboratory Science	Investigation of nonsynonymous mutations in the spike protein of SARS-CoV-2 and its interaction with the ACE2 receptor by molecular docking and MM/GBSA approach	Computers in Biology and Medicine	Research	WOS/Scopus	Q1
Dr. Fazil Ahmad	Anesthesia Technology	Preparation of soluble complex of curcumin for the potential antagonistic effects on human colorectal adenocarcinoma cells	Pharmaceuticals	Research	WOS/Scopus	Q1
Dr. Balu Kamaraj	Neuroscience Technology	Investigation of nonsynonymous mutations in the spike protein of SARS-CoV-2 and its interaction with the ACE2 receptor by molecular docking and MM/GBSA approach	Computers in Biology and Medicine	Research	WOS/Scopus	Q1
Dr. Balu Kamaraj	Neuroscience Technology	Removal of nutrients from domestic wastewater by microalgae coupled to lipid augmentation for biodiesel production and influence of deoiled algal biomass as biofertilizer for Solanum lycopersicum cultivation	Chemosphere	Research	WOS/Scopus	Q1
Ms. Ahoud I. Al-Ohali	Medical Laboratory Science	Low Intake of Vegetable Protein is Associated with Altered Ovulatory Function Among Healthy Women of Reproductive Age	Journal of Clinical Endocrinology & Metabolism	Research	Scopus	Q1
Dr. Balu Kamaraj	Neuroscience Technology	Network analysis of transcriptomics data for the prediction and prioritization of membrane-associated biomarkers for idiopathic pulmonary fibrosis (IPF) by bioinformatics approach	Advances in Protein Chemistry and Structural Biology	Research (Book Chapter)	Scopus	Q2
Ms. Ahoud I. Al-Ohali	Medical Laboratory Science	Investigation of Nonsynonymous Mutations in the Spike Protein of SARS-CoV-2 and its Interaction with the ACE2 Receptor by Molecular Docking and MM/GBSA Approach	Computers in Biology and Medicine	Research	WOS/Scopus	Q1

Dr. Fazil Ahmad	Anesthesia Technology	Superfast Synthesis of Stabilized Silver Nanoparticles using Aqueous Allium sativum (Garlic) Extract and Isoniazid hydrazide conjugates: Molecular Docking and In-vitro Characterizations	Molecules	Research	WOS/Scopus	Q2
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1.2: Reduce the prevalence of non-communicable diseases by 50% through prevention, better management, and treatment by 2035

Faculty Name	Department	Research Title	Journal Name	Type of Paper	Indexed	Quartile Rank
Column1	Column2	Column3	Column4	Column5	Column6	Column7
Dr. Manoj Goyal	Anesthesia Technology	Neurological consequences of SARS-CoV-2 infection and concurrence of treatment-induced neuropsychiatric adverse events in COVID-19 patients	Frontiers in Molecular Biosciences	Review	WOS/Scopus	Q2
Dr. Manoj Goyal	Anesthesia Technology	Shifting to Critical Medical Humanities with the Theatre of the Oppressed	Academic Medicine	Review	WOS	Q1
Dr. Manoj Goyal	Anesthesia Technology	Current strategies in targeted anticancer drug delivery systems to brain (Book chapter) in Advanced Drug Delivery Systems in the Management of Cancer	Advanced Drug Delivery Systems in the Management of Cancer (Elsevier)	Review/Book chapter		
Dr. Bashar I Alzghoul	Respiratory Care	Preparation of Soluble Complex of Curcumin for the Potential Antagonistic Effects on Human Colorectal Adenocarcinoma Cells	Pharmaceuticals	Research	WOS/Scopus	Q2
Dr. Nermien Helmy Seddek Ali	Preparatory	Clinical Outcomes and Prevalence of Hepatitis E Virus (HEV) Among Non-A-C Hepatitis Patients in Egypt	Infection and Drug resistance	Research	WOS/Scopus	Q1
Dr. Sally Yussef A Abed	Respiratory Care	Differential Effect of Three Macrolide Antibiotics on Cardiac Pathology and Electrophysiology in a Myocardial Infarction Rat Model: Influence on Sodium Nav1.5 Channel Expression	Pharmaceuticals 2021, 14(7), 597	Research	WOS	Q1
Dr. Moufida Oueslati	Preparatory	Optimum Conditions and LC-ESIMS Analysis of Phenolic Rich Extract from Eucalyptus marginata L. under Maceration and Ultrasound-Assisted Extraction Methods Using Response Surface Methodology	Journal of food quality	Research	Scopus	Q2
Ms. Ahoud I. Al-Ohali	Medical Laboratory Science	Investigation of the Antimicrobial Activity and Hematological Pattern of Nano-Chitosan and its Developed Nano-Copper Composite	Scientific Reports	Research	WOS/Scopus	Q1

Dr. Abeer M Alsubaie	Medical Laboratory Science	Investigation of the Antimicrobial Activity and Hematological Pattern of Nano-Chitosan and its Developed Nano-Copper Composite	Scientific Reports	Experimental	WOS/Scopus	Q1
Dr. Abeer M Alsubaie	Medical Laboratory Science	The Structural Effect of FLT3 Mutations at 835th Position and Their Interaction with Acute Myeloid Leukemia Inhibitors: In Silico Approach	International Journal of Molecular Sciences	Research	WOS/Scopus	Q1
Dr. Doaa Ahmed Ebrahim	Respiratory Care	Molecular docking and In vivo gastroprotective effect of Salvia fruticosa	Research Journal of Pharmacy and Technology	Research	Scopus	Q2
Dr. Khaled Mohamad Morsy	Anesthesia Technology	Differential Effect of Three Macrolide Antibiotics on Cardiac Pathology and Electrophysiology in a Myocardial Infarction Rat Model: Influence on Sodium Nav1. 5 Channel Expression..	Pharmaceutical	Research	WOS/Scopus	Q1
Dr. Aida Mohamed Al-Sagheer Mansour	Neuroscience Technology	The optical absorption and luminescent emission properties of Cd1-xHfxS QD nanocrystals prepared via 4,4',N,N'-diphenylcarbazole assisted hydrothermal approach for QLED application potential	Optik	Research	WOS/Scopus	Q1
Dr. Abeer M Alsubaie	Medical Laboratory Science	Case report: Mixed infection of Plasmodium vivax and Plasmodium falciparum in a tertiary hospital	F1000Research	Case Report	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	The Structural Effect of FLT3 Mutations at 835th Position and Their Interaction with Acute Myeloid Leukemia Inhibitors: In Silico Approach	International Journal of Molecular Sciences	Research	WOS/Scopus	Q1
Dr. Balu Kamaraj	Neuroscience Technology	Cultivation of Nostoc sp. LS04 in municipal wastewater for biodiesel production and their deoiled biomass cellular extracts as biostimulants for Lactuca sativa growth improvement	Chemosphere	Research	WOS/Scopus	Q1
Dr. Hadeer Ibrahim Mohamed	Neuroscience Technology	Investigation of the antimicrobial activity and hematological pattern of nano-chitosan and its nano-copper composite	Scientific Reports	Research	WOS/Scopus	Q1
Dr. Mohammed Eldosoky Salama	Neuroscience Technology	Differential Effect of Three Macrolide Antibiotics on Cardiac Pathology and Electrophysiology in a Myocardial Infarction Rat Model: Influence on Sodium Nav1. 5 Channel Expression..	Pharmaceutical	Research	WOS/Scopus	Q1

Dr. Mohammed Eldosoky Salama	Neuroscience Technology	Protective effect of metformin on rat diabetic retinopathy involves suppression of toll-like receptor 4/nuclear factor-k B expression and glutamate excitotoxicity	International Immunopharmacology	Research	WOS/Scopus	Q2
Dr. Khaled Mohamad Morsy	Anesthesia Technology	Antitumor Activity of Nitazoxanide against Colon Cancers: Molecular Docking and Experimental Studies Based on Wnt/ β -Catenin Signaling Inhibition	International Journal of molecular science	Research	WOS/Scopus	Q1
Dr. Mohammed Eldosoky Salama	Neuroscience Technology	Antitumor Activity of Nitazoxanide against Colon Cancers: Molecular Docking and Experimental Studies Based on Wnt/ β -Catenin Signaling Inhibition.	International Journal of molecular science	Research	WOS/Scopus	Q1
Dr. Mohammed Salah El-Din El Magzoub	Neuroscience Technology	Involvement of ADGRV1 Gene in Familial Forms of Genetic Generalized Epilepsy	Frontier in Neurology	Research	WOS/Scopus	Q2
Dr. Mohammed Salah El-Din El Magzoub	Neuroscience Technology	normative electrophysiologic reference values for the lateral and medial antebrachial cutaneous nerves among adult Sudanese population	Journal of the Neurological Sciences/Supplement	Research/Conference	Scopus	Q2
Dr. Monika Bansal	Neuroscience Technology	Neurological consequences of SARS-CoV-2 infection and concurrence of treatment-induced neuropsychiatric adverse events in COVID-19 patients	Frontiers in Molecular Biosciences	Review	WOS/Scopus	Q2
Dr. Monika Bansal	Neuroscience Technology	Shifting to Critical Medical Humanities with the Theatre of the Oppressed	Academic Medicine	Review	WOS	Q1
Dr. Fazil Ahmad	Anesthesia Technology	Pectin co-functionalized dual layered solid lipid nanoparticle made by soluble curcumin for the targeted potential treatment of colorectal cancer	Carbohydrate Polymers	Research	WOS	Q1
Dr. Mohammed Eldosoky Salama	Neuroscience Technology	Ingestion of mannose ameliorates thioacetamide-induced intrahepatic oxidative stress, inflammation and fibrosis in rats.	Life Sciences	Research	WOS	Q1

1.4: Develop genetic therapies for at least 2 of Saudi Arabia's top 10 rare diseases by 2035

Faculty Name	Department	Research Title	Journal Name	Type of Paper	Indexed	Quartile Rank
Dr. Sally Yussef A Abed	Respiratory Care	Preoperative Diagnosis Failure for a Rare Gastric Collision Tumor: A Case Report	Diagnostics 2021, 11(4), 633;	Research	WOS	Q2

Dr. Sally Yussef A Abed	Respiratory Care	Serum soluble fibrinogen-like protein 2 represents a novel biomarker for differentiation between acute and chronic Egyptian HBV-infected patients	Journal of Interferon & Cytokine Research Vol. 41, No. 2	Research	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Polyhydroxybutyrate production from ultrasound-aided alkaline pretreated finger millet straw using Bacillus megaterium strain CAM12	Bioresource Technology	Research	WOS/Scopus	Q1
Dr. Abeer M Alsubaie	Medical Laboratory Science	Soluble 1:1 stoichiometry curcumin binary complex for potential apoptosis in human colorectal adenocarcinoma cells (SW480 and Caco-2 cells)	Research Journal of Pharmacy and Technology	Experimental	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Exome array identifies functional exonic biomarkers for pediatric dental caries	Computers in Biology and Medicine	Research	WOS/Scopus	Q1
Dr. Fazil Ahmad	Anesthesia Technology	Soluble 1:1 Stoichiometry curcumin binary complex for potential apoptosis in human colorectal adenocarcinoma cells (SW480 and Caco-2 cells)	Research J. Pharm. and Tech	Research	Scopus	Q2