

**CAMSJ Research Output Classified According to National RDIA Priorities in Saudi Arabia, 2022**

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. Mohamed Eldosoky Salama	Neuroscience Technology	Baicalein and Alpha-tocopherol inhibit Toll-like receptor path-2 ways in Cisplatin-induced nephrotoxicity	Molecules	Research	WOS/Scopus	Q2
Dr.Fazil Ahmad	Anesthesia Technology	ETHNOPHARMACOLOGICAL AND PHYTOCHEMICAL STUDY OF MAJOR SPECIES FROM LABIATAE FAMILY IN SAUDI ARABIA: A SYSTEMATIC REVIEW	International Journal of Applied Pharmaceutics	Review	Scopus	Q2
Prof. Manoj Goyal	Anesthesia Technology	Computational Design, Synthesis, and Pharmacological Evaluation of Naproxen-Guaiacol Chimera for Gastro-Sparing Anti-Inflammatory Response by Selective COX2 Inhibition	Molecules (MDPI)	Research	WOS/Scopus	Q2
Dr. Fazil Ahmad	Anesthesia Technology	APPLICATION OF 32 CENTRAL COMPOSITE DESIGN FOR THE FORMULATION OF RAPID SOLUBLE ORODISPERSIBLE FILM OF DIPYRIDAMOLE	International Journal of Applied Pharmaceutics	Research	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Mutations in G6PC2 gene with increased risk for development of type 2 diabetes: Understanding via computational approach	Advances in Protein Chemistry and Structural Biology	Research (Book Chapter)	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Plant growth-promoting actinobacterial inoculant assisted phytoremediation increases cadmium uptake in Sorghum bicolor under drought and heat stresses	Environmental Pollution	Research	WOS/Scopus	Q1
Dr.Fazil Ahmad	Anesthesia Technology	Alternate Warm and Cold Therapy (AWCT) on Uricemia, Sleep, Pain, Functional Ability, and Quality of Life (USPFQoL) in Patients with Gout: A Path Forward	Journal of Healthcare Engineering	Research	Scopus	Q2
Dr.Amina Sabry Abdel Ghaffar Imam	Neuroscience Technology	Ethnopharmacological And Phytochemical Study of Major Species from Labiatae Family in Saudi Arabia: A Systematic Review	International Journal of Applied Pharmaceutics	Research	Scopus	Q2

Dr.Moufida Abderrahman Al Weslati	Respiratory Care	Response Surface Methodology: Optimization of Antioxidant Activities from Eucalyptus Marginata L. by products undermaceration and Ultrasound-Assisted Extraction	Revue Roumaine de Chimie	Reserach	WOS/Scopus	Q2
Dr.Saqlain Raza	Respiratory Care	Multidimensional Poverty Index across districts in Punjab Pakistan: estimation and rationale to consolidate with SDGs	Environment, Development, and Sustainability	Research	Scopus	Q1

1.2: Reduce the prevalence of non-communicable diseases by 50% through prevention, better management, and treatment by 2035

Faculty Name	Department	Research Title	Jounral Name	Type of Paper	Indexed	Quartile Rank
Dr. Sally Yussef A Abed	Respiratory Care	Saponin-rich extract of Tribulus terrestris alleviates systemic inflammation and insulin resistance in dietary obese female rats: Impact on adipokine/hormonal disturbances	Biomedicine & pharmacotherapy	Research	WOS	Q1
Dr. Saqlain Raza	Respiratory Care	Prevalence of child manutrition and household socioeconomic deprivation: A case study of marginalized district in Punjab	PLOS One	Research	WOS/Scopus	Q1
Dr.Doaa Ahmed Ebrahim	Respiratory care	Ethnopharmacol ogical And Phytochemical Study of Major Species from Labiatae Family in Saudi Arabia: A Systematic Review	International Journal of Applied Pharmaceutics	Research	Scopus	Q2
Dr.Doaa Ahmed Ebrahim	Respiratory care	Comparative Study Of Semi- Solid Bases Of Nxn: Pharmaceutical Technology Aspects	International Journal of Applied Pharmaceutics	Research	Scopus	Q2
Dr. Bashar I Alzghoul	Respiratory care	The Effects of Financial Stress and Household Socio-Economic Deprivation on the Malnutrition Statuses of Children under Five during the COVID-19 Lockdown in a Marginalized Region of South Punjab, Pakistan	Children-Basel	Research	WOS	Q2
Dr. Shoug Yousef AlHumood	Respiratory care	Ethnopharmacological And Phytochemical Study of Major Species from Labiatae Family in Saudi Arabia: A Systematic Review	International Journal of Applied Pharmaceutics	Research	Scopus	Q2

Prof. Manoj Goyal	Anesthesia Technology	Approaching Medical Humanities with an Interactive Tool: Theatre of the Oppressed	Journal of Datta Meghe Institute of Medical Sciences University, Vol 17	Research	Scopus	Q2
Prof. Manoj Goyal	Anesthesia Technology	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls	Journal of Clinical Medicine	Review	WOS	Q1
Dr. Saqlain Raza	Respiratory Care	Does Mothers' Awareness of Health and Nutrition Matter? A Case Study of Child Malnutrition in Marginalized Rural Community of Punjab, Pakistan	Frontiers in Public Health - Children and Health	Research	WOS/Scopus	Q2
Dr.Khaled Mohammad Morsy	Anesthesia Technology	Dapagliflozin, Liraglutide, and Their Combination Attenuate Diabetes Mellitus-Associated Hepato-Renal Injury—Insight into Oxidative Injury/Inflammation/Apoptosis Modulation	Life	Research	Scopus	Q2
Dr. Sally Yussef A Abed	Respiratory Care	Dapagliflozin, Liraglutide, and Their Combination Attenuate Diabetes Mellitus-Associated Hepato-Renal Injury—Insight into Oxidative Injury/Inflammation/Apoptosis Modulation	Life	Research	Scopus	Q2
Dr.Sama Samer Hammad	Nursing	Revisiting the roles of neonatal intensive care unit nurses towards vision 2030 of Saudi Arabia: A descriptive phenomenological study	Journal of Nursing Management	Research	WOS/Scopus	Q1
Dr. Fazil Ahmad	Anesthesia Technology	Curcumin Plant for Colorectal Cancer Prediction and Prevention Using In Silico Molecular Analysis; HOT-MELT Extrusion	Evidence-Based Complementary and Alternative Medicine	Research	WOS/Scopus	Q2
Dr. Mohamed Eldosoky Salama	Neuroscience Technology	Empowerment of Primary Health Care Providers on the Prevention and Management of Dental or Oral Health Issues among Post Chemotherapy Patients in Pandemic	Journal of Healthcare Engineering	Research	WOS/Scopus	Q2
Dr. Aida Mohamed Al-Sagheer Mansour	Neuroscience Technology	Detailed investigations on structural, spectroscopic, and optoelectronic properties of Ethyl Nile Blue thin films	Physica B: Condensed Matter	Research	Scopus	Q2

Dr. Aida Mohamed Al-Sagheer Mansour	Neuroscience Technology	Ethnopharmacological And Phytochemical Study of Major Species from Labiatae Family in Saudi Arabia: A Systematic Review	International Journal of Applied Pharmaceutics	Research	Scopus	Q2
Dr. Aida Mohamed Al-Sagheer Mansour	Neuroscience Technology	COMPARATIVE STUDY OF SEMI-SOLID BASES OF NAPROXEN: PHARMACEUTICAL TECHNOLOGY ASPECTS	International Journal of Applied Pharmaceutics	Research	Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Computational structural assessment of Beeast Cancer type 1 susceptibility protein (BRCA1) and BRCA1-Associated Ring Domain protein 1 (BARD1) mutations on the protein-protein interface	Advances in Protein Chemistry and Structural Biology	Research (Book Chapter)	Scopus	Q2
Dr. Mohamed Eldosoky Salama	Neuroscience Technology	Dapagliflozin, Liraglutide and their Combination attenuate Diabetes Mellitus-Associated Hepatorenal Injury; an insight into oxidative injury/inflammation/ apoptosis	Life	Research	Scopus	Q2
Prof. Monika Bansal	Neuroscience Technology	Novel Therapies for the Treatment of Neuropathic Pain: Potential and Pitfalls	Journal of Clinical Medicine	Review	WOS	Q1
Dr.Saqlain Raza	Respiratory care	A novel fractional model for the projection of households using wealth index quintiles	PLOS One	Research	WOS/Scopus	Q1
Prof. Monika Bansal	Neuroscience Technology	Approaching Medical Humanities with an Interactive Tool: Theatre of the Oppressed	Journal of Datta Meghe Institute of Medical Sciences University, Vol 17	Research	Scopus	Q2
Dr. Lamya Zohair Yamani	Anesthesia Technology	Serological, antibiotic resistance pattern and molecular characterization of Vibrio parahaemolyticus isolated from coastal water environment in Eastern Province of Saudi Arabia	Journal of Epidemiology and Global Health.	Original Research	Scopus	Q1
Dr. Fazil Ahmad	Anesthesia Technology	Thyroid Stimulating Hormone Favors Runx2 Mediated Matrix Mineralization of Human Osteoblast Like Cells: An In Vitro and In Silico Approach	Molecules	Research	WOS/Scopus	Q2
Dr. Fazil Ahmad	Anesthesia Technology	The Unique Carboxymethyl Fenugreek Gum Loaded Itraconazole Self-Emulsifying Nanovesicles Gel for systemic onychomycosis treatment	Polymers	Research	WOS/Scopus	Q1

Prof. Monika Bansal	Neuroscience Technology	Selective COX-2 Inhibitors: Road from Success to Controversy and the Quest for Repurposing	Pharmaceuticals	Review	WOS/Scopus	Q1
tious diseases significant to Saudi Arabia by 50% by 2035						
Faculty Name	Department	Research Title	Jounral Name	Type of Paper	Indexed	Quartile Rank
Dr. Lamya Zohair Yamani	Anesthesia Technology	Virulence Characteristics, Antibiotic Resistance	Infection and Drug Resistance	Original Research	Scopus	Q2
r at least 2 of Saudi Arabia's top 10 rare diseases by 2035						
Faculty Name	Department	Research Title	Jounral Name	Type of Paper	Indexed	Quartile Rank
Dr. Mohamed Eldosoky Salama	Neuroscience Technology	Thyroid-Stimulating Hormone Favors Runx2-Mediated Matrix Mineralization in HOS and SaOS2 Cells: An In Vitro and In Silico	Molecules	Research	WOS/Scopus	Q2
Dr.Fazil Ahmad	Anesthesia Technology	An Ideal Approach for Enhancing 5-Fluorouracil Anticancer Efficacy by Nanoemulsion for Cytotoxicity against a Human Hepatoma Cell Line (HepG2 Cells)	Biomed Research International	Research	WOS/Scopus	Q2
Dr.Doaa Ahmed Ebrahim	Respiratory care	Curcumin Plant for Colorectal Cancer Prediction and Prevention Using In Silico Molecular Analysis; HOT- MELT Extrusion	Evidence-Based Complementary and Alternative Medicine	Research	WOS/Scopus	Q2
Dr. Balu Kamaraj	Neuroscience Technology	Computational Genomics and Structural Bioinformatics in Personalized Medicines	Frontiers in Medicine	Research (edited book)	WOS/Scopus	Q1
Dr. Aida Mohamed Al-Sagheer Mansour	Neuroscience Technology	Curcumin Plant for Colorectal Cancer Prediction and Prevention Using In Silico Molecular Analysis; HOT-MELT Extrusion	Evidence-Based Complementary and Alternative Medicine	Research	WOS/Scopus	Q2
Dr. Khaled Mohamad Morsy	Anesthesia Technology	Thyroid-Stimulating Hormone Favors Runx2-Mediated Matrix Mineralization in HOS and SaOS2 Cells: An In Vitro and In Silico Approach	Molecules	Research	WOS/Scopus	Q2
ieve net-zero emissions by 2060						
Faculty Name	Department	Research Title	Jounral Name	Type of Paper	Indexed	Quartile Rank
Dr.Saqlain Raza	Respiratory Care	Financial Instability and CO2 Emissions in India: Evidence from ARDL Bound Testing Approach	Energy & Enviroment	Research	Scopus	Q2