

Curriculum Vitae

Dr. Razique Anwer

Department of Pathology, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh, Saudi Arabia

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Google scholar: <https://scholar.google.com/citations?user=6E5NDZAAAAAJ&hl=en>

Web of Science ResearcherID: GRR-3697-2022

Scopus Author ID: 54416938700

Educational Qualifications

➤ **Ph.D.** (2009-2013) Department of Biosciences, Jamia Millia Islamia (Central Univ.), New Delhi, India.

Thesis: Investigation of Insulin-like Protein from of *Spirulina* sps.

➤ **M.Sc.** (2006-2008) Amity University, Noida, India.

➤ **B.Sc.** (2004) Magadh University, Bihar, India.

Professional Experience

➤ **ASM (American Society for Microbiology) Young Ambassador to Saudi Arabia** (December 2022 to 31st December 2025)

➤ **Assistant Professor** (October 2013 to till date)

Department of Pathology, College of Medicine, Imam University, Riyadh, Saudi Arabia

➤ **Postdoctoral fellow** (January 2013 to July 2013)

Metabolic Engineering group, International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, India

➤ **Project Associate** (2010-2011)

Major Research Project (UGC, India) in Department of Biosciences, Jamia Millia Islamia (Central Univ.), New Delhi, India

Teaching and Administrative Responsibilities

➤ Teaching faculty for Principal of Disease-I&II, Host-Defense, Molecular Basis of Disease and Hematology for medical students.

- Facilitator for Problem Based Learning sessions for I, II- and III-year medical students.
- Coordinator/member of the following in college/department concerned directly with teaching, research, and administration:
 - **Year Coordinator:** 1st Year Coordinator of MBBS program at College of Medicine, Imam University, Riyadh, Saudi Arabia.
 - **Course coordinator** (2015 to till date) for Molecular basis of disease (MBOD), Principle of Disease I (POD I) and Principle of Disease II (POD II) courses.
 - **Elective committee** (2015 to 2021)
 - **NCAAA (National Commission for Academic Accreditation & Assessment) committee:** Department representative to Quality unit, member of course/block specification, report and KPI committee.
 - **Research committee:**
 - Research consultant (2022 to till date),
 - Member of Research Board of Biomedical Research Center (2016-2019),
 - In-charge of the Bioanalytical lab (2016 to till date)

Research Grants

- Principal Investigator for a "Research Partnership Program" funded by the Deanship of Scientific Research (DSR), Imam University, Riyadh, Saudi Arabia. AY2023. Grant number 23031. Grant amount: 120,000 SAR
- Principal Investigator for a research project entitled " Molecular characterization of resistance mechanisms and epidemiological typing of clinical isolates of Resistant *Acinetobacter baumannii* in ICU patients " funded by DSR, Imam University, Riyadh, AY2022. Grant number 221413001. Grant amount: 68,000 SAR
- Principal Investigator for a research project entitled " Using MALDI-TOF MS for rapid analysis of microorganism causing Urinary tract infections in Riyadh region" funded by the DSR, Imam University, Riyadh, for year 2019 – 2022. Grant number 381301. Grant amount: 54,000 SAR, Status: completed.
- Co-Principal Investigator for a research project entitled " Elicitation of protective immunity against multi-drug resistance *Acinetobacter baumannii* by removing inhibitory natural antiglycan antibodies." Deputyship for Research & Innovation, Ministry of Education Saudi Arabia. Grant number 1089. Grant amount: 6.2 million SAR

➤ Young Ambassador Project Fund (YAPF) from American Society for Microbiology “Awareness about community-based infection”

Publications

Total Publications: **59**

Total Citations: **20080**

h-Index: **20**

i10 Index: **25**

➤ Co-author in 14 research papers published in The Lancet, Nature Medicine etc. as a collaborator in Global Burden of Diseases network, USA.

➤ Published 45+ research papers in peer reviewed ISI and web of science indexed journals.

➤ Authored one book chapter and one patent

- **Razique Anwer** (2024) Molecular epidemiology and Molecular Typing Methods of MDR *Acinetobacter baumannii*: How well we are updated? **Saudi Medical Journal** SMJ-2023-0886 (under review)

- **Razique Anwer** (2024) Antimycobacterial Drugs as a Novel Strategy to Inhibit *Pseudomonas aeruginosa* Virulence Factors and Combat Antibiotic Resistance. **Microbiology Research**. 15(1), 290-313

- **Razique Anwer** (2024) Identification of small molecule inhibitors of penicillin-binding protein 2a of methicillin-resistant *Staphylococcus aureus* for the therapeutics of bacterial infection. **Cellular and Molecular Biology**. (Accepted **ID 2455**)

- GBD 2019 Asia and All Cancers Collaborators **Razique Anwer** (2024). Temporal patterns of cancer burden in Asia, 1990–2019: a systematic examination for the Global Burden of Disease 2019 study. The Lancet Regional Health Southeast Asia. doi: 10.1016/j.lansea.2023.100333.

- Jihad Alrehaili, Firas Almarri, Shoeb Mustafa, Hassan Alsehri, Arezki Azzi, **Razique Anwer*** (2023) Molecular characterization of Microbial Quality of Ready-to-eat salads using Multi-locus Sequencing Typing. **Journal of Pure and Applied Microbiology**. 17(JPAM/8239/22) *Corresponding author

- Jihad Aldali, Hamza Aladli, Meshal Alzakari, Nasser Al-Tayar, Abdullah Al-Fahd, Abdullah Almeziny, Omar Almukhalafi, Abdullah Abutheeb, **Razique Anwer** (2023) The Most Common Side Effects of AstraZeneca Covid-19 Vaccine Among Saudi Arabian Population: A Systematic review. **Journal of Pure and Applied Microbiology**. 17(JPAM/8169/22)

- Talha Jawaid, Ali AlAaseem, Mohammed Khan, Beenish Mukhtar, Mehnaz Kamel, **Razique Anwer**, Saif Ahmad, Aftab Alam (2023) Preparation and Evaluation of

Nanoemulsion of Citronella Essential Oil with Improved Antimicrobial and Anti-Cancer Properties. **Antibiotics**. 12,478. [https://doi.org/ 10.3390/antibiotics12030478](https://doi.org/10.3390/antibiotics12030478)

- Sunil Kumar, Neera Mehta, **Razique Anwer**, Nirmala Sherawat, Mukesh Yadav, Anil Sharma (2023) Diversity of Pathogenic Microflora in the Raw Chicken Meat: an Alarming Food Safety Concern. **Indian Journal of Natural Sciences**. (IJONS-14/80)
- Sunil Kumar, **Razique Anwer**, Arezki Azzi (2023) Molecular typing methods & resistance mechanisms of MDR *Klebsiella pneumoniae*. **AIMS Microbiology**. [doi.org/ 10.3934/microbiol.2023008](https://doi.org/10.3934/microbiol.2023008)
- Sunil Kumar, Neera Mehta, **Razique Anwer**, Guarav Vats, Nirmala Sherawat, Anil Sharma (2023) Application of Invertebrate Animal Models in various Biomedical Diseases and Research. **Indian Journal of Natural Sciences**. 14 (79): 58988—58999
- **Razique Anwer***, Hassan Darami, Firas Almarri, Mazen Albogamy, Faisal Alahaydib (2022) MALDI-TOF MS for Rapid Analysis of Bacterial Pathogens Causing Urinary Tract Infections in the Riyadh Region. **Diseases**. 10,78. <https://doi.org/10.3390/diseases10040078>. *Corresponding author
- Sunil Kumar, Mukesh Yadav, **Razique Anwer**, Nirmala Sherawat, Anil Sharma (2022) Isolation and Characterization of *E. coli* and *Comamonas kerstersii* from Chicken Litter Samples from North India. **Environment and Ecology**. 40 (4B): 2476—2481
- GBD 2019 Cancer Risk Factors Collaborators.... **Razique Anwer**. (2022) The global burden of cancer attributable to risk factors, 2010–19: a systematic analysis for the Global Burden of Disease Study 2019. **The Lancet**. 400: 563–591. [https://doi.org/10.1016/S0140-6736\(22\)01438-6](https://doi.org/10.1016/S0140-6736(22)01438-6).
- Sunil Kumar, **Razique Anwer**, Mukesh Yadav, Nirmala Sherawat, Manoj Kumar (2022) An Update on Advancements in Treatment Options for Managing *Klebsiella pneumoniae* Infections. **Current Pharmacology Reports**. doi.org/10.1007/s40495-022-00302-y
- GBD 2017 Ageing Collaborators.... **Razique Anwer**. (2022) Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study. **BMJ**; 376:e068208.
- Khalid AlQumaizi, Sunil Kumar, **Razique Anwer***, Shoeb Mustafa (2022) Differential gene expression of efflux pumps and porins in clinical isolates of MDR *Acinetobacter baumannii*. **Life**. 12, 419. <https://doi.org/10.3390/life12030419>

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- Irshad Ahamad, Fareha Bano, **Razique Anwer**, Pooja Srivastava, Raj Kumar, Tasneem Fatma (2022) Antibiofilm Activities of Biogenic Silver Nanoparticles Against *Candida albicans*. **Frontiers in Microbiology**. 12:741493. doi: 10.3389/fmicb.2021.741493
- Samar Zarnoog, Abdullah AlOmriani, Arwa Alrumaih, Hind Alabdullatif, Firas Almarri, Rahaf Alshareef, Hissah Alkharan, Naif Alsanad, Faisal Alyahya, **Razique Anwer**, Arezki Azzi (2021) Prevalence of irritable bowel syndrome and its associated risk factors among medical students in Riyadh, Saudi Arabia: A cross sectional study. **Medical Science**, 2021, 25(118), 3479-3488
- GBD Local Burden of Disease Adolescent Mortality Collaborators.... **Razique Anwer**. (2021) Global, regional, and national mortality among young people aged 10–24 years, 1950–2019: a systematic analysis for the Global Burden of Disease Study 2019. **The Lancet**. 398: 1593–618
- Sunil Kumar, **Razique Anwer**, Nirmala Sherawat, Mukesh Yadav, Anil Sharma (2021) Isolation and characterization of pathogenic bacteria from drinking water in North India. **International Journal of Environmental Science and Technology**. DOI: 10.1007/s13762-021-03774-5
- Sunil Kumar, **Razique Anwer**, Arezki Azzi (2021) Virulence potential and treatment options of Multidrug-Resistant (MDR) *Acinetobacter baumannii*. **Microorganisms** 2021. 9; 2104. <https://doi.org/10.3390/microorganisms9102104>
- GBD Local Burden of Disease Anaemia Collaborators.... **Razique Anwer**. (2021) Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. **Nature Medicine**. 27:1761-1782. doi.org/10.1038/s41591-021-01498-0
- GBD 2019 Tuberculosis Collaborators **Razique Anwer**. (2021) Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990–2019: results from the Global Burden of Disease Study 2019. **Lancet Infectious Disease**. doi.org/10.1016/S1473-3099(21)00449-7
- GBD 2019 Under-5 Mortality Collaborators **Razique Anwer**. (2021) Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. **The Lancet**. doi.org/10.1016/S0140-6736(21)01207-1

- Abdullah Almutairi, Khalid Almahmoud, Ibrahim Alrumaih, Yazeed Alsaadi, Bandar Alamrai, Jihad Alrehaili, Jawed Khan, **Razique Anwer*** (2021) Antibiotic Use and Misuse: A Cross-Sectional Study Assessing the Understanding of Saudi Medical Students. **Medical Science** 25(115): 2163-2172. ***Corresponding author**
- Ahmed M. Khalaf, Salman K. Alshuaibi, Fahad B. Abbas, Saleh A. Alwadie, Nader Alrehaili, Fareha Bano, **Razique Anwer*** (2021) The prevalence of obsessive-compulsive disorder and symptoms among medical students: A Perspective Study from Riyadh, Saudi Arabia. **Medical Science** 25(114): 2088-2095. ***Corresponding author**
- Sunil Kumar, **Razique Anwer**, Mukesh Yadav, Nirmala Sherawat, Manoj Kumar (2021) Isolation and characterization of *Acinetobacter baumannii* from chicken meat samples in North India. **Asian Journal of Biological and Life Sciences**. DOI: 10.5530/ajbls.2020.9.xx
- Mohammad Abdullah Almutawa, Sulaiman Alfouzan, Albaraa Alahmari, Yasir Albarrak, Mohammad Fareed, **Razique Anwer*** (2021) Distance Learning approach during Covid-19 pandemic for undergraduate medical students in four major universities in Riyadh, Saudi Arabia – A Survey Report on students’ perspective. **International Journal of Medicine in Developing Countries**. 5(8): 1496-1506. doi.org/10.24911/IJMDC.51-1624428636. ***Corresponding author**
- Sunil Kumar, **Razique Anwer**, Mukesh Yadav, Nirmala Sherawat, Manoj Kumar (2021) Molecular Typing and Global Epidemiology of Staphylococcus aureus. **Current Pharmacology Reports**. 7:179–186. https://doi.org/10.1007/s40495-021-00264-7
- Sunil Kumar, **Razique Anwer**, Mukesh Yadav, Nirmala Sherawat (2021) Assessment of Bacterial Pathogens in Drinking Water: A Serious Safety Concern. **Current Pharmacology Reports**. 7:206–212. https://doi.org/10.1007/s40495-021-00263-8
- Sunil Kumar, Mukesh Yadav, Nirmala Sherawat, Jihad Alrehaili, **Razique Anwer** (2021) Pathobiology of Multidrug Resistant *Acinetobacter baumannii*: An update. **Asian Journal of Biological and Life Sciences**. doi.org/10.5530/ajbls.2021.10.3
- Sunil Kumar, **Razique Anwer**, Mukesh Yadav, Nirmala Sherawat, Anil Sharma (2021) MALDI-TOF MS and Molecular methods for identifying Multidrug resistant clinical isolates of *Acinetobacter baumannii*. **Research Journal of Biotechnology**. 16(6): 47-52

- GBD Local Burden of Disease HIV Collaborators **Razique Anwer**, (2021) Subnational mapping of HIV incidence and mortality among individuals aged 15–49 years in sub-Saharan Africa, 2000–18: a modelling study. **The Lancet HIV**; 8: e363–75
- GBD Collaborators **Razique Anwer**, (2020) Global Burden of Cardiovascular Disease and Risk Factors, 1990-2019. **Journal of the American College of Cardiology**. 76(25): 2982-3021. doi.org/10.1016/j.jacc.2020.11.010
- Global Burden of Disease (GBD) 2019 Viewpoint Collaborators **Razique Anwer**, (2020) Five insights from the Global Burden of Disease Study 2019. **The Lancet** 2020; 396(10258):1135-1159. doi: 10.1016/S0140-6736(20)31404-5.
- Global Burden of Disease (GBD) Risk Factors Collaborators **Razique Anwer**, (2020) Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. **The Lancet** 2020; 396: 1223-49
- GBD 2019 Diseases and Injuries Collaborators **Razique Anwer**, (2020) Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. **The Lancet** 2020; 396:1204-22
- GBD Universal Health Coverage collaborators, **Razique Anwer**, (2020) Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. **The Lancet** 10.1016/S0140-6736(20)30750-9
- Faez Iqbal Khan, Fakhrul Hasan, **Razique Anwer**, Dakun Lai (2020) Comparative analysis of bacteriophytochrome Agp2 and its engineered photoactivatable NIR fluorescent proteins PAiRFP1 and PAiRFP2. **Biomolecules** doi:10.3390/biom10091286
- LBD Double Burden of Malnutrition Collaborators... **Razique Anwer**... (2020) Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. **Nature Medicine**. doi: 10.1038/s41591-020-0807-6.
- **Razique Anwer***, Khalid AlQumaizi, Nazia Ahmad, Shafiul Haque, Saleh AlOsaimi, Tasneem Fatma (2020) Unravelling the interaction of glipizide with human serum albumin by using various spectroscopic techniques and molecular docking studies. **Journal of Biomolecular Structure and Dynamics**. 39(1): 336-347

*Corresponding author

- Mohannad AlOmani, **Razique Anwer***, Abdullah Attullah AlShammari, Feras Almarri, Khalid Abdulrahman (2020) Elucidation of Practices of Mobile Phone Hygiene and Identification of Microorganisms: A Perspective Study from Riyadh, Saudi Arabia. **Journal of Pure and Applied Microbiology**, 14(3): 1761-1768

***Corresponding author**

- Faez Iqbal Khan, Dakun Lai, **Razique Anwer**, Iffat azam, Krishna Bisetty, Mohd Kalim ahmad Khan (2019) Identifying Novel Sphingosine kinase 1 Inhibitors as Therapeutics against Breast Cancer. **Journal of Enzyme Inhibition and Medicinal Chemistry**. doi.org/10.1080/14756366.2019.1692828
- Abdullah Attullah AlShammari, Waleed Mohammed Alzahrani, Abdulaziz Faisal Almuzayrie, Fay Ahmad, **Razique Anwer*** (2019) Experience and Habit of consuming caffeine: A study from College of Medicine, Imam Mohmmad Ibn Saud Islamic University Riyadh, Saudi Arabia. **International Journal of Biology, pharmacy, and Allied Sciences**. 2019, 8(8): 1517-1530

***Corresponding author**

- Abdulaziz Alotaibi, Abdulrahman Algwaiz, Nawaf Alghamdi, Muhammad Almutairi, **Razique Anwer*** (2019) Knowledge, Attitude and Practice of hand hygiene among medical students at Imam Mohmmad Ibn Saud Islamic University Riyadh, Saudi Arabia. **International Journal of Medical Research and Health Sciences**. 8(7): 134-141

***Corresponding author**

- Afnan Almass, Batol Alshahrani, Areej Almewesheir, Sana Tulhab, **Razique Anwer**, Shafiul Haque (2018). User experience Knowledge and practice of oral contraceptive: A study from Riyadh, Saudi Arabia. **Annals in Medical and Health Sciences Research**. 8:411-419
- Khalid Al Qumaizi, **Razique Anwer***, Nazia Ahmad, Tasneem Fatma (2018) Study on the interaction of antidiabetic drug Pioglitazone with calf thymus DNA using spectroscopic techniques. **Journal of Molecular recognition**. DOI: 10.1002/jmr.2735

***Corresponding author**

- Khalid Al Qumaizi, Amir Halim, **Razique Anwer***, Kamal Halim, Saleh Alosaimi (2018) Irritable bowel syndrome (IBS)- The role of probiotic in the systemic and successful treatment of IBS. **Imam journal of Applied Sciences**. DOI: 10.4013/ijas.ijas_2_18

***Corresponding author**

- Naseem Akhter, Syed Akhtar Husain, Mohammad A.A. Alqumber, Shilpi Chattopadhyay, **Razique Anwer**, Shafiul Haque, Mohd. Wahid (2018) Impact of p53

arg72pro SNP on breast cancer risk in north Indian population. **Current Genomics**. DOI: 10.2174/1389202919666171205104137

- Danish Idrees, **Razique Anwer**, Mohd Shahbaz, Khalid Al Qumaizi, Samdudrala Gourinath (2018) Carbonic Anhydrase II Based Biosensing of Carbon Dioxide at High Temperature: An Analytical and MD Simulation Study. **Journal of Bioremediation & Biodegradation**. DOI: 10.4172/2155-6199.1000421
- Sumbul Afreen, **Razique Anwer**, Tasneem Fatma. (2018) Extracellular laccase production and its optimization from *Arthrospira maxima* catalyzed decolorization of synthetic dyes. **Saudi Journal of Biological Sciences**. (DOI:10.1016/j.sjbs.2016.01.015)
- **Razique Anwer***, Nazia Ahmad, Khalid Al Qumaizi, Osama A. Al Khamees, Waleed Mohammad Al Shaqha, Tasneem Fatma (2017) Interaction of procarbazine with calf thymus DNA—a biophysical and molecular docking study. **Journal of Molecular Recognition**. DOI: 10.1002/jmr.2599 *Corresponding author
- Faez Iqbal Khan, Bilal Nizami, **Razique Anwer**, Ke-Ren Gu1, Krishna Bisetty, Md. Imtaiyaz Hassan, Dong -Qing Wei (2017) Structure prediction and functional analyses of a thermostable lipase obtained from *Shewanella putrefaciens*. **Journal of Biomolecular Structure & Dynamics**. <http://dx.doi.org/10.1080/07391102.2016.1206837>
- Meshari Binomar, Khalid Al Qumaizi, Waleed Mohammad Al Shaqha, Faez Iqbal Khan, **Razique Anwer** * (2015) Screening of different soil sources of New York City for antimicrobial activity against Methicillin-Resistant *Staphylococcus aureus* (MRSA) **Journal of Pure and Applied Microbiology**, Nov 2015. Vol. 9 (Spl. Edn. 2)
*Corresponding author
- **Razique Anwer***, Khilaid I. Al-Qumaizi, W.M. Al-Shaqha, Faez Iqbal Khan (2015) From pancreatic insulin to non-pancreatic: A miraculous journey. **International Journal of Biological Chemistry**. 9 (6): 302-317, 2015 *Corresponding author
- **Razique Anwer**, Anzar Alam, Saima Khursheed, Hifzul Kabir, Tasneem Fatma (2013) *Spirulina*: Possible Pharmacological Evaluation for Insulin-Like Protein. **Journal of Applied Phycology**. 25 (3), 883-889
- **Razique Anwer**, Saima Khursheed, Tasneem Fatma (2012) Detection of immunoactive insulin in *Spirulina*. **Journal of Applied Phycology**. 24, 583-591
- Khursheed S, **Anwer R**, Zutshi S, Fatma T (2012) Screening of photosynthetic, O₂ evolving prokaryotes for insulin like antigen. **Journal of Phycology**. 48, 243-245

- Khursheed S, **Anwer R**, Fatma T (2012) Insulin Like Antigen: Sources Other Than Pancreas. **International Journal of Current Pharmaceutical Research**. 4, 24-28

- **Book chapter**

STAPHYLOCOCCUS AND STREPTOCOCCUS

Chapter name: An Emerging Multidrug- Resistant Pathogen: *Streptococcus pneumoniae*.

Khalid I. AlQumaizi, **Razique Anwer***

ISBN: 978-1-78984-473-3

Publisher: IntechOpen

***Corresponding author**

- **Patent**

Device to detect anticancer activity of coumarin derivatives

Grant date: 23rd September 2023

Grant agency: UK.GOV

Link: <https://www.registered-design.service.gov.uk/find/6310504>

Awards and Honors

- Distinguished Researcher Award (2023) College of Medicine, Imam University, Riyadh
- Distinguished “Quality Representative Award” from Deanship of Quality and College of Medicine, Imam University, Riyadh
- Distinguished international publication reward from Deanship of Scientific Research, Imam University, Riyadh in a year 2016, 2017, 2018, 2019, 2020 & 2021.
- Project Fellowship (2011-2012) has been awarded from University Grant Commission (UGC), New Delhi, India
- International Travel Grant has been awarded from Indian Council of Medical Research (ICMR) and Department of Science and Technology (DST) in 2012 for Adelaide, Australia

Research collaboration

- Research collaboration with Global Burden of Disease Collaborator Network, Institute for Health Metrics and Evaluation, Seattle, Washington, USA.
- Research collaboration with School of Electronic Science and Engineering, Department of Bioengineering, University of Electronic Science and Technology of China, Chengdu, Sichuan, China.

- Research collaboration with Department of Biotechnology, Maharishi Markandeshwar Deemed to be University, Mullana (Ambala), Haryana, INDIA

Professional Recognition

- **Society membership:**

1. American Society for Microbiology (**Contributing membership 200229671**)
2. Microbiology Society Europe (Affiliated Member Worldwide)

- **Journal editor:**

1. **Topic Editor: Frontiers in Pediatrics (ISSN: 2296-2360)**
2. **Special Issue Editor: Tropical Medicine and Infectious Disease (ISSN 2414-6366)**
3. **Editorial Board member:** Biochemistry and Molecular Biology (BMB)
ISSN: 2575-5064 (Print); 2575-5048 (Online)
4. **Executive Guest Editor:** Recent Patents on Anti-Infective Drug Discovery
ISSN: 2212-4071 (Online); 1574-891X (Print)

- **Reviewer of Journals:** Actively involved in reviewing research articles from various journals_ RSC Advances, Heliyon, Journal of Applied Phycology, Endocrine, Metabolic & Immune Disorders - Drug Targets (Bentham Publishing house), Biomedicine & Pharmacotherapy, Journal of Biologically Active Products from Nature, International Journal of Pharmacy and Pharmaceutical, Biocatalysis and Agricultural Biotechnology, DNA and Cell Biology, Children, Pharmaceutics, Tropical medicine, Biomedicine, Pharmaceutics, Infection, Microorganisms, Diagnostics, Journal of Biological Structure & Dynamics, 3Biotech, Plos One, Microbiology Research, and Biosciences Biotechnology Research Asia, etc.

- **Innovative Advisory Board Member:** Sciex, Germany

Supervising Students

1. **Title:** Knowledge, Attitude, and Practice of Hand Hygiene among Clinical Year Medical Students at Imam Muhammad ibn Saud Islamic University in Riyadh, Saudi Arabia. AY 2018
2. **Title:** Perceptions on two different modalities of conducting PBL tutorials at College of Medicine, Imam University. AY 2018
3. **Title:** User knowledge, practice of mobile phones hygiene and Isolation & identification of microorganisms. AY 2019
4. **Title:** Caffeine Habits among Medical Students in Imam Muhammed ibn Saud Islamic university. **AY 2019**
5. **Title:** The prevalence of obsessive-compulsive disorder and obsessive-compulsive disorder symptoms among medical students. AY 2019

6. Title: Assessing the understanding of Antibiotic Use and misuse: Knowledge, Attitude and Practice towards among the medical students. AY 2020

7. Title: The effect of Distance Learning on medical students in Riyadh, Saudi Arabia during Covid-19. AY 2020

8. Title: Awareness, attitudes, and practices of first aid among schoolteachers in Riyadh. AY 2021

9. Title: Bacteriological quality of ready-to-eat salad sold in Riyadh city. AY 2021

10. Title: Knowledge, and practices of hygiene among barbers in Riyadh. AY2022

Course/Certificates

- Completed “Essentials Skills in Medical Education (ESME)” during 01-05 April 2018, Riyadh, KSA
- Completed certificate course August 2022 “Inequality monitoring in HIV, TB and malaria” by WHO under Division of Data, Analytics & Delivery for Impact.

Conferences Attended

- Presented a paper in “ASM Microbes” during 14-19 June 2023, Houston, USA
- Presented a paper in “ASM Microbes” during 9-13 June 2022, Washington, USA
- Attended 1st Riyadh Conference for Microbiology and Public Health during 28-29th September 2019, Riyadh, KSA
- Attended Saudi International Medical Education Conference – SIMEC 2018 during 03-05 April 2018, Riyadh, KSA
- Attended 16th International Congress for hormonal steroids, hormones and cancer during 02-04 December 2014, Riyadh, KSA
- Presented a paper in 4th International Conference on Algal Biomass, Biofuels & Bioproducts during 15-18 June 2014, New Mexico, USA
- Presented a paper (Oral presentation) in 8th Asia-Pacific Conference on Algal Biotechnology and 1st International Conference on Coastal Biotechnology 2012 “Algae for the future” during 08-12 July 2012, Adelaide, Australia.
- Presented a paper in International Algal Summit “Algae for Sustainable Development” during 21-22 February 2012 at The Energy and Resource Institute (TERI), New Delhi, India.
- Presented a paper in Interdisciplinary Science International Conference-2011 on Bioinformatics: An Interface between Computer Science and Biology at Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi.
- Presented a paper in 7th Asia-Pacific Conference on Algal Biotechnology during 1-4 December 2009 at Department of Botany, University of Delhi, India.

- Attended an Interdisciplinary Science Conference-2008 on Mathematics in Biology at Centre For Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi, India.

Workshop and Training

- Participated training on “CHEF Mapper XA system Bio-Rad” from 9th to 11th October 2022, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated workshop on “MCQs in Medical Education” on 2nd March 2022 at Department of Medical Education, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated workshop on “Simulation in Medical Education” on 2nd November 2021 at Department of Medical Education, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Attended “The Finks’ Model for Significant Learning” on 7th April 2021 conducted by Saudi Society for Medical Education, Riyadh
- Participated workshop on “Effective Lecturing skill” on 15th December 2020 at Department of Medical Education, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Attended workshop on “Microbiology and stewardship: Understanding AST data as a driver of antimicrobial stewardship” on 11th November 2020 conducted by SelectScience.
- Participated training in “Construction of high-quality Multiple-Choice Questions (MCQs) workshop on 27th October 2020 at Department of Medical Education, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated training in “Basic Training on SCIEX QTRAP 6500 LC MS” from 24th - 26th April 2018 in Darmstadt, Germany
- Participated workshop on “Essential Skills in Medical education (ESME)” from 1-5 April 2018, Riyadh, KSA
- Participated training in “PBL Training Course” from 25th - 26th January 2016 at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated in the Workshop on “DNA amplification methods using Real time PCR technique in addition to advance and sophisticated applications” from 12-15 April 2015 at Medical Research Centre, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh

- Participated in the workshop entitled “How to conduct a Systematic Review in Medical Education Research, based on BEME guidelines” organized by Dr. Alkoli chair for developing medical education in Saudi Arabia, held on April 7, 2015 at College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Attended training in “Imam Medical Teachers Induction Course” from 5-6 April 2015 at Medical Education Department, College of Medicine, Al-Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated training in BMJ Best Practice and BMJ learning conducted by BMJ on 3rd February 2015, at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated training in Clinical key & Mosbey’s Nursing training session conducted by Elsevier on 28th October 2014, at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated training in “PBL Training Course” from 21-22 September 2014 at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated in the MCQ construction workshop on 10th May 2014 at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated in the workshop entitled “How to write course specification using NCAAA course template” on 1st March 2014 at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated in the workshop entitled “How to prepare OSCE” on 28th December 2013 at Medical Education Department, College of Medicine, Imam Mohammad Ibn Saud Islamic University, Riyadh
- Participated training program in “Blue Green Algae: Application in Agriculture and Industry” during the period from 12-18 May 2010, at IARI, New Delhi, India.
- Participated in “Short Term Training on Advanced Research Techniques (START) For Life Sciences” from February 8th -19th 2010 at National Facility for Marine Cyanobacteria & Bioinformatics Centre, Department of Marine Biotechnology, Bharathidasan University, Tiruchirappalli.

Abstract accepted in International/National Conference

- Cyanobacterium: Possible Pharmacological Evaluation for insulin-like protein

R. Anwer, S. Khursheed, T. Fatma. National Symposium Sustainable Food and Energy Production. March 17-18, 2012, Department of Botany, GGV, Bilaspur.

➤ Detection of immunoactive insulin in *Spirulina*

R. Anwer, S. Khursheed, T. Fatma. 4th Congress of the International Society for Applied Phycology, June 19-24, 2011, Halifax, Canada.

➤ *In-vitro* detection of insulin from *Spirulina*

R. Anwer, S. Khursheed, T. Fatma. National Conference on Algae and Algal Products. 22-24th September, 2011. Chennai, India

➤ *Spirulina* as a source of antidiabetic substance

R. Anwer, S. Khursheed, T. Fatma. International Conference on Biotechnology for Better Tomorrow (BTBT-2011). February 6-9, 2011. Department of Microbiology, Osmanabad, Maharashtra, India.

➤ In-vitro evaluation of *Spirulina* for the treatment of diabetes

R. Anwer, S. Khursheed, T. Fatma. 6th Asian Pacific Phycological Forum October 09-14, The Ocean Resort, Yeosu, Korea.

➤ Screening of photosynthetic, O₂ evolving prokaryotes for insulin like antigen.

R. Anwer, Saima Khursheed, Sunaina Zutshi, Tasneem Fatma. International Symposium on Phycological Research, February 25-27, 2010, BHU, Varanasi, India

References

Will be provided upon request.

Personal Details

Date of Birth: 31st January 1983

Nationality: Indian

Gender: Male

Marital Status: Married

I hereby declare that the above information is true to the best of my knowledge.

Place: Riyadh

Dr. Raziq Anwer
