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University Grants Commission of Bangladesh AvMviMuvl †k‡i evsjvbMi, XvKv-1207 website: www.ugc.gov.bd

কমিশনের রিসার্চ সাপোর্ট এন্ড পাবলিকেশন ডিভিশনের বিজ্ঞান ও প্রযুক্তি শাখার ২০২২-২৩ অর্থ বছরে প্রাপ্ত চিকিৎসা বিজ্ঞান বিষয়ক মোট ২২টি গবেষণা প্রকল্প প্রস্তাব কমিশন নির্ধারিত সূচকের ভিত্তিতে কর্মশালার মাধ্যমে বিশেষজ্ঞ কর্তৃক মূল্যায়ন করা হয়। বিশেষজ্ঞ কর্তৃক গ্রহণযোগ্য ২০টি ও গ্রহণযোগ্য নয় ০২ টি গবেষণা প্রকল্প প্রস্তাবের তালিকা নিম্নরূপ:-

| ক্র<br>মিক<br>নং | প্রকল্প<br>আহ্বানের<br>বছর | গবেষণা প্রকল্পের শিরোনাম  | প্রকল্প পরিচালকের নাম ও ঠিকানা  | মূল্যায়নকা<br>রী<br>বিশেষজ্ঞে<br>র<br>মন্তব্য/মতা<br>মত |
|------------------|----------------------------|---|---|--|
| 1.               | 2022-23<br>(Med)<br>(2)    | Pharmacovigilance study: awareness<br>about Adverse Drug Reaction (<br>ADR) Reporting System among the<br>consumer in Bangladesh  | Dr. Elora sharmin Associate Professor Pharmacology dept., BSMMU Associate Project Director- Dr. Sheikh Foyez Ahmed Consultant Cardiology, BSMMU elora.sharmin@bsmmu.edu.bd Cell-01914499800   | গ্রহণযোগ্য   |
| 2.               | 2022-23<br>(Med)<br>(23)   | Profiling of secondary metabolite of<br>Crotalaria quinquefolia (L) and<br>identification of putative anti-<br>diabetic drug compound(s) with its<br>molecular mechanism          | Dr. S.M. KHALEDUR RAHMAN Assistant Professor Dept. of Genetic Engineering and Biotechnology Jashore University of Science and Technology smk.rahman@just.edu.bd   | গ্রহণযোগ্য   |
| 3.               | 2022-23<br>(Med)<br>(13)   | HK1G (rs 201626997) gene<br>Polymorphism and Susceptibility to<br>Severe cardiovascular disease: A<br>Bangladeshi case-control study.   | Dr. Md. Hazrat Ali Assistant Professor Department of Biotechnology and Genetic Engineering, Mawlana Bhashani Science and echnology University Mail: <a href="mailto:hazratali@mbstu.ac.bd">hazratali@mbstu.ac.bd</a> Cell: +8801717134310 | গ্রহণযোগ্য   |
| 4.               | 2022-23<br>(Med)<br>(24)   | Enhancement of Dissolution Profiles of Anti-Cancer Drugs Gefitinib and Erlotinib by Solid Dispersion Technique and Development of UV-Vis Spectroscopic Methods for their Analyses | Dr. Uttom Kumar Departement of Pharmaceutical Technology Faculty of Pharmacy University of Dhaka, Dhaka-1000 Bangladesh Cell: +8801724619715 Email: uttom@du.ac.bd  | গ্রহণযোগ্য   |
| 5.               | 2022-23<br>(Med)<br>(25)   | Formulation, characterization and invitro evaluation of solid dispersion form of montelukast sodium   | Dr. A.S.M. Monjur Al Hossain Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Dhaka, Dhaka-1000  | গ্রহণযোগ্য   |

|     |                          |   | Phone: Office: +88029661900-73,8176<br>Cell: 01756306309<br>Email: monjur.shiplu@du.ac.bd  |                   |
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| 6.  | 2022-23<br>(Med)<br>(28) | Evaluation of anti-cancer, anti-coagulant, antihyperglycemic, anti-inflammatory, antioxidant and neuropharmacological properties of marine source Sea Cucumber (Holothuroidea). | Md. Rashidur Rahman Department of Pharmacy, Jashore University of Science and Technology, Jashore-7408 Cell: 01727510926 Res: 01717080327 mr.rahman@just.edu.bd  | গ্রহণযোগ্য        |
| 7.  | 2022-23<br>(Med)<br>(26) | Formulation and <i>in vitro</i> evaluation of Vericiguat immediate release tablet dosage form for Heart Failure Patients  | Dr. Md Raihan Sarkar Associate professor Department of Pharmaceutical Technology University of Dhaka, Dhaka 01705948057 raihan.rezvi@du.ac.bd  | গ্রহণযোগ্য        |
| 8.  | 2022-23<br>(Med)<br>(4)  | Automated System for Risk<br>Identification of Women during<br>Pregnancy Period Using Machine<br>Learning Techniques in a Selected<br>Area of Dhaka.                            | Md. Al Mamun Assistant Professor Department of Public Health and Informatics, Faculty of Biological Sciences, Jahangirnagar University, Savar, Dhaka-1342 Cell: 01911713423 Email: almamun@juniv.edu         | গ্রহণযোগ্য<br>নয় |
| 9.  | 2022-23<br>(Med)<br>(6)  | Impact of Academic Stress on<br>Mental Health among University<br>Students: A Dual Application of<br>Quasi-Binomial Logistic Regression<br>and Machine Learning Algorithms      | Professor Dr. Md. Mizanur Rahman Sarker Department of Agricultural Statistics Sher-e-Bangla Agricultural University Emil- mrs_bd@yahoo.com Cell-01552452665  | গ্রহণযোগ্য        |
| 10. | 2022-23<br>(Med)<br>(9)  | Classification and Prediction of Diabetes Mellitus among Adult Population in Bangladesh Using Ensemble Machine Learning Approach  | Lakshmi Rani Kundu Assistant Professor Department of Public Health and Informatics, Faculty of Biological Sciences Jahangirnagar University Savar, Dhaka-1342 Cell: +88 01917010414 Email: lakshmi@juniv.edu | গ্রহণযোগ্য        |
| 11. | 2022-23<br>(Med)<br>(8)  | Experience of menopausal symptoms and assessment of its effects on health among women aged 45-60 years.   | Most. Zannatul Ferdous Assistant Professor Department of Public Health and Informatics, Jahangirnagar University Cell: +88 017688940 01768994096 m.zannatul.ferdous@juniv.edu                                | গ্রহণযোগ্য        |
| 12. | 2022-23<br>(Med)<br>(15) | Bioinformatics and Multi-omics<br>Approach to Identify Comorbidities<br>with Application in lung cancer with<br>autoimmune disorders and infectious<br>disease                  | Dr. Md. Rabiul Auwul Lecturer Department of Statistics Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706 Cell-01788266295  | গ্রহণযোগ্য        |

|     |                          |  | Email- rabiulauwul@bsmrau.edu.bd   |                   |
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| 13. | 2022-23<br>(Med)<br>(10) | Unraveling the mechanism of O-<br>antigen alteration in serotype 1c of<br>Shigella flexneri  | Dr. Md. Abu Saleh<br>Professor, Department of Genetic Engineering<br>and Biotechnology, University of Rajshahi,<br>Rajshahi-6205, Bangladesh<br>Cell: +8801716731747   | গ্রহণযোগ্য        |
| 14. | 2022-23<br>(Med)<br>(12) | "Analyzing the anti-HCV effects of Lemon (Citrus limon) in HCV-infected patients"  | Dr. Mohammod Johirul Islam Associate Professor Dr. Mohammad Nasir Uddin Assistant Professor Biochemistry & Molecular Biology, Mawlana Bhashani Science and Technology University, Santosh, Tangail-1902, Bangladesh. Cell: 01751795668 Email: johirbmb@mbstu.ac.bd | গ্রহণযোগ্য<br>নয় |
| 15. | 2022-23<br>(Med)<br>(17) | An insight into association of vaginal infection with infertility using culture and metagenomic approach.  | Mahmuda Yasmin, PhD Professor, Department of Microbiology, University of Dhaka Cell-01552382613 yasmin@du.ac.bd  | গ্রহণযোগ্য        |
| 16. | 2022-23<br>(Med)<br>(19) | Evaluation of Fecal Calprotectin in<br>Children with Autism Spectrum<br>Disorders of Bangladesh - A Case<br>Control Study.   | Prof. Dr. Gopen Kumar Kundu Professor,Dept. of Pediatric Neurology, RoomNo-709,6 <sup>th</sup> floor, F-Block, BSMMU Cell: 01718590768. Email: gopen.kundu@gmail.com   | গ্রহণযোগ্য        |
| 17. | 2022-23<br>(Med)<br>(21) | Risk factors of patients with suicidal attempt: A case-control study.  | Dr. Md. Zillur Rahman Khan Associate Professor and Head Dept of Psychiatry, Shaheed Suhrawardy Medical College Hospital, Sher-E-Bangla Nagar, Dhaka.   | গ্রহণযোগ্য        |
| 18. | 2022-23<br>(Med)<br>(22) | Assessing link between perceived injustice and mental health   | Dr. M. Kamruzzaman Mozumder Professor Department of Clinical Psychology, University of Dhaka Bangladesh Email: mozumder@du.ac.bd Cell: +88-01713066423   | গ্রহণযোগ্য        |
| 19. | 2022-23<br>(Med)<br>(7)  | Revolutionizing Health Professions Education in the 21 <sup>st</sup> Century: Adopting the SPICES Model for a comprehensive curriculum in post graduate medical education. | Dr. Jahidul Islam Associate Professor Department of Pharmacology Bangabandhu Sheikh Mujib Medical University (BSMMU), Dhaka. jahidul_islam@bsmmu.edu.bd> Cell-01759274056  | গ্রহণযোগ্য        |
| 20. | 2022-23<br>(Med)         | Study on patients with senile dementia and the Herpes Simplex  | Dr. S M Rashed Ul Islam<br>Associate Professor   | গ্রহণযোগ্য        |

|     | (16)                     | Virus (Type 1)  | Department of Virology Bangabandhu Sheikh Mujib Medical University (BSMMU) +8801713236399 Res: +8801713236399 Email: smrashed@bsmmu.edu.bd                             |            |
|-----|--------------------------|---|--|------------|
| 21. | 2022-23<br>(Med)<br>(29) | Time effcient DNA matching system   | Machbah Uddin Assistante Professor Department of Computer Science and Mathematics, Bangladesh Agricultural University 01725839308 machbah.csm@bau.edu.bd               | গ্রহণযোগ্য |
| 22. | 2022-23<br>(Med)<br>(30) | Pulsed Electromagnetic Field<br>Induced Changes in Electrical<br>Properties of Biological Tissues | Dr. Muhammad Abdul Kadir Associate Professor, Department of Biomedical Physics and Technology, University of Dhaka, Dhaka 1000 Cell: 01728043205 Email: kadir@du.ac.bd | গ্রহণযোগ্য |