

**Selected abstracts of the 5th Regional Science and Technology Congress - 2022 to be held on
11th and 12th January 2023 at University of Gour Banga, Malda, W.B.**

Presenting author's name	Address/Affiliation with phone number and email ID of presenting author	Title of abstract
Swarnali Das	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: swarnalipiu9733@gmail.com	Should We Still Consider Omicron as Natural Vaccine?
Rana Sawpari	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: sawparirana98@gmail.com	Nano-functionalized Doxorubicin for Prostate Cancer Therapy: Recent Developments and Future Prospects
Sulagna Ghatak	Dept. of Physiology , Kalyani University, KALYANI; *Presenting Author Email: sulagnaghatak2@gmail.com	Study on Physiological Abnormalities of Tea-garden Female Workers and to Estimate the Prevalence and Patterns of Work- Related-health-hazards
Kaustav Chakraborty	1 Assistant Professor (W.B.E.S.), Department of Zoology, S.B.S. Government College, Hili, Dakshin Dinajpur – 733126, 2 Professor, Immunology Laboratory, Department of Zoology, University of Calcutta, 35 Ballygunge Circular Road, Kolkata – 700019; *Presenting Author Email: kaustavc17@gmail.com	Pulmonary Fibrosis is Reduced by the ROS Scavenger Through Nrf2 Activation and Inhibition of TGF-β/Smad Signaling
Hempuspa Mondal	Department of Physiology, University of Gour Banga, Malda – 732103, West Bengal, India *Presenting author e-mail: hempuspamondal05212@gmail.com	Emerging Role of miRNAs in Progression and Therapeutic Implication in Cancer Cachexia: Present Status and Future Perspective

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Sovan Samanta	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: sovandipsamanta@gmail.com	Cytocompatible Silver Nanoparticles Reveled Antibacterial Potency Towards Multi Drug Resistant Uropathogenic Bacterial Strains: A Green Route Approach
Jhimli Banerjee	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: jhimlibanerjee131993@gmail.com	Antileukemic Efficacy of Self-Assembled Maslinic Acid Through ROS Mediated and Caspase Dependent Pathways: An in vitro and in silico Approach
Sk Nazibar Rahaman	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: sknazibar@gmail.com	Prevalence of Anemia Among Fishermen in Coastal Area of Shankarpur at Purba Medinipur District of West Bengal: A Cross-sectional Study
Rubai Ahmed	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: rubaiahmed857@gmail.com	Antioxidant Efficacy of Glycyrrhiza Glabra Aqueous Stem Extract and Utilization in Biogenic Copper Oxide Nanoparticles Fabrication Along with its Antibacterial Potency Against Multi Drug Resistant Bacterial Strains
Shreya Roy	Department of Physiology, University of Gour Banga, Malda 732103, India *Presenting Author Email: royshreya99slg@gmail.com	Possible Uses of Mesenchymal Stem Cells and Their Exosomes in Inflammation and Injury of the Endothelium of COVID-19 Affected Patients
Subhadeep Sarkar	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: ssubhadeep06@gmail.com	Are the Commercial and Pharmaceutical Industries Concerned About Paraben? - An Ongoing Health Controversy

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Annapurna Das	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: annapurnad875@gmail.com	COVID-19 Associated Candidiasis and Its Immunological Manifestation
Tamalika Shil	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: tamalika3685@gmail.com	Effect of Anxiety and Stress on Mental Health of Transgender Population
Fayeeja Sultana	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: jkflipflopsr@gmail.com	Mental Health Implications of Post COVID-19 Pandemic
Sagar Chandra Ghosh	Department of Physiology, University of Gour Banga, Malda 732103, India *Presenting author e-mail: 75.sagar0024@gmail.com	Artificial Gametes: Clinical Application and Sociological Impact
Sudipta Halder	Department of Physiology, University of Gour Banga, Malda 732103, India *Presenting author e-mail : sudiptoalder55660@gmail.com	Long Daily Screen Time, Sleep, and Mental Health
Biplab Kumar Singha	Department of Physiology, University of Gour Banga, Malda 732103, West Bengal, India *Presenting author e-mail: biplabkrsingha3@gmail.com	Possible Use of Cannabis in the Management of Migraine

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Riya Mandal	Department of Physiology, University of Gour Banga, Malda 732103, West Bengal, India *Presenting author e-mail: riya.7mandal@gmail.com	Psychiatric Ailments Acquired by the Children of Pregnant Mother Addicted with Alcohol and Smoking
Tanushree Mondal	Department of Physiology, University of Gour Banga, Malda 732103, India *Presenting Author Email: mondaltanushreeguddi@gmail.com	Differential Role of D-glucose and Its Modified Form, 2-deoxy-D-glucose in Cancer
Nensina Murmu	Department of Physiology, University of Gour Banga, Malda-732103 *Presenting Author Email: nensinamur75@gmail.com	Studies on the Role of Red Grape Juice and Melatonin as an Effective Modulator in Abating Arsenic-induced Cytotoxicity in Normal Cells and Against Leukemia in Cancer Cells
Tanmoy Rajak	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India; *Presenting author e-mail: tanmoyrajak01@gmail.com	Hyperemesis Gravidarum Leading Maternal Cancer Risk: A Review
Bhaktadas Kundu	Department of Physiology, University of Gour Banga, Malda, 732103, West Bengal, India *Presenting author e-mail: bhaktadaskundu@gmail.com	COVID-19 mRNA Vaccines Significantly Increasing Cardiac Arrest Threat: A Controversy
Bijoy Dipta Datta	Department of Physiology, Krishnath College, Berhampore, Murshidabad-742101 *Presenting author email: bijoydiptad@gmail.com	Fungi and Wastewater Management