

Announcement – 2

GATE 2023-24 awardees				
S.No.	Title	Principal Investigator	Designation, Department and Contact Details	Co-Investigators
1	Effect of dietary vitamin D2 supplementation on vitamin D status in Post – Menopausal Women	Dr.G.Gayathri	Assistant professor, Department of Clinical Nutrition, Faculty of Allied Health sciences, SRIHER	Dr. Shriraam Mahadevan, Professor and Head, Department of Endocrinology
2	The role of anti-microbial peptides and its influence on caries risk in children and adolescents – A cross-sectional study	Dr. G.FelsyPremila	Lecturer, Department of Clinical Research, Faculty of Clinical Research, SRIHER.	Dr N Vinayagamoorthy PhD, Assistant Professor, Department of Environmental Health Engineering, Faculty of Public Health, Dr Anitha Palaniyandi, MD Assistant professor, Department of Pediatrics, Faculty of Medicine, Dr Chandrashekar P, MDS Professor, Department of Oral Pathology, SIBAR Dental College & Hospital, Guntur, Andhra Pradesh.
3	Development and Supplementation of Resistant Starch Based Product to improve the Gut microbiome composition of women with Polycystic Ovarian Syndrome (PCOS)	Ms. Nandita Krishnan	Lecturer, Department of Clinical Nutrition, SRFAHS	Dr.V.Supriya Associate Professor, Department of Clinical Nutrition Dr.N.Palaniappan Professor and Head Dept of OBG Dr.V.Deepa Parvathi Associate Professor Faculty of BMS
4	Role of Cytokine Gene Polymorphism in Paediatric Nephrotic Syndrome	Mr.Raghul Priyadharson.S	Senior Lecturer, Faculty of Allied Health Sciences	Dr,C.D.Mohanapriya Assistant Professor (Research) Dr.G.Sangeetha Assistant Professor in Pediatrics

5	Deep neural network based Detection of Dental Plaque Biofilm on Digital images of Permanent teeth.	Dr.A.Lekha	Senior Lecturer, Department of Periodontology and Implantology Sri Ramachandra Dental College and Hospital	Dr. Vamsi Lavu, MDS, PhD, MSc in Laser (Germany) Professor, Department of Periodontology and Implantology Sri Ramachandra Dental College and Hospital Dr.Ashokkumar P, PhD Assistant Professor, Sri Ramachandra Faculty of Engineering and Technology, SRIHER Dr. S.K.Balaji, MDS Vice principal ,Professor and Head , Department of Periodontology and Implantology, Sri Ramachandra Dental College and Hospital
6	Identification of root caries causing bacteria in geriatric patients using a chair-side novel rapid detection kit	Dr.K.Manigandan	Senior Lecturer, Department of Conservative Dentistry and Endodontics, Sri Ramachandra Dental College and Hospital	Dr.R.Seshan Rakkesh, Senior Lecturer, Department of Conservative Dentistry and Endodontics
7	Assessment of non-motor and motor functions in Parkinsonism	Dr.Meennakshi.B.S	Senior Resident of Physiology,SRMC & RI, SRIHER (DU)	Dr. Priscilla JohnsonAssociate Dean-preclinical & Professor of PhysiologyDr. Senthil NAssociate Dean-clinical & Professor of MedicineMrs.Lavanya SekharTutor of Physiology
8	To determine the source of postnatal CMV infection among extreme preterms with proven symptomatic CMV infections- A single centre prospective nested case control study	Dr Rajarajan P	Assistant Professor, Neonatology	Dr Umamaheswari B, Professor and HOD, Neonatology Dr Prakash A, Professor, Neonatology Dr Padma Srikant, Professor, Microbiology

9	Simulation of research methodology for the medical students – a crossover randomized controlled study	Dr Saishree Pradhan	Assistant Professor, Department of Neonatology	Dr Umamaheswari B, Professor & HOD, Department of Neonatology Dr Prakash A, Professor, Department of Neonatology
10	Association of SLCO1B1, SLC19A, ARID5B1 gene polymorphism with Toxicities of High Dose Methotrexate with Acute Lymphoblastic Leukemia in South Indian children	Dr Leena Pavitha P	Assistant Professor, Faculty of Pharmacy	Dr. A Jerad Suresh Professor & Principal Dr. Julius Scott Head, Division of Pediatric Hematology and Oncology services Dr. Teena Koshy Associate Professor
11	Advanced Alpha-Synuclein aggregation inhibitors for the treatment of Parkinsons disease	Dr.Vignesh Manoharan	Assistant Professor, Faculty of Pharmacy	DR. Srikanth Jeyabalan Associate Professor Faculty of Pharmacy
12	Targeting ER-positive metastatic breast cancer with coumarin-sulfonamide scaffolds as steroidal sulfatase inhibitors in the treatment of breast cancer	Dr.R.Srimathi	Assistant Professor, Department of Pharmaceutical Chemistry, Faculty of Pharmacy	Dr.A.Jerad Suresh, Principal, Sri Ramachandra FOP
13	Exploring the association of ESR1 and ESR2 gene polymorphisms with metabolic syndrome in Peri and Post-Menopausal women	Dr.S.Sindhu	Assistant Professor Faculty of Pharmacy	Dr. K Sujatha , Professor & Vice Principal Dr. Sheila K Pillai , Associate Professor Dr. C D Mohana Priya , Assistant Professor (Research)
14	Targeted Cancer Therapy with Picrocrocin: A Proteomic Approach to Understanding Selectivity and Molecular Impact	Mrs.Jenane.V	Assistant Professor, Department of Pharmacology, Sri Ramachandra Faculty of Pharmacy	Dr Jaikanth C, Associate Professor, Department of Pharmacology, Sri Ramachandra Faculty of Pharmacy Dr Jerald A Suresh, Principal, Sri Ramachandra Faculty of Pharmacy
15	Exploring the Efficacy of Manual Therapy in Vestibular Rehabilitation and the Role of Serum Otolin - 1 as a Biomarker in Benign paroxysmal positional vertigo Patients	Dr. Hepzibah Rubella D	Assistant professor Faculty of Physiotherapy	Dr. P Antony Leo Aseer, Professor, Faculty of Physiotherapy

16	Design, Development, and Effectiveness of SRIHER EXercise System which measures exercise adherence among musculoskeletal disorder individuals: A Randomized Controlled Cross trial.	Mr. K. Soundararajanc	Assistant ProfessorFaculty of Physiotherapy	Prof. Dr. P. Antony Leo Aseer,Professor, Principal & Chief Physiotherapist
17	Effect of Circuit Training on Muscle Mass and Strength among Perimenopausal Women with Sarcopenia	G.A.Geetha Hari Priya	Assistant Professor Faculty of Physiotherapy	Dr.B.SathyaPrabha, Associate Professor Prof. Dr. P. Antony Leo Aseer, Professor & Principal of Physiotherapy
18	Investigating variants and gene expression profiles for understanding the cause and effect for amyotrophic lateral sclerosis using next generation sequence analysis	Dr. J. Jino Blessy	Assistant Professor Faculty of Engineering & Technology	Nil
19	Scizophrenia Detection using Machine Learning techniques.	Ms. Anamika Kumari	Assistant Professor Facutly of Engineering & Technology	Ms. Santhiya, Assistant Professor
20	An Automated Digital Microscope integrated with a Deep Learning Framework for Tumor Grading	Deena Sivakumar	Assistant Professor Facutly of Engineering & Technology	Dr.Namasivaya Naveen S, Assistant Professor
21	Detection of most common and rare Carbapenemases in a Tertiary Care Centre by phenotypic and genotypic method	Dr. Santhi Gunasekaran	Senior Resident – Department of Laboratory Medicine Sri Ramachandra Medical College and Research Institute, Porur-116	Dr. Sridharan.K.S, Professor & Head, Department of Laboratory Medicine Sri Ramachandra Medical College and Research Institute, Porur-116
22	Exploring the Role of Postmortem MRI in Corroborating Autopsy Findings for Cases of Intrauterine Fetal Death	Dr.Chitra.K	Senior Resident Faculty of Medicine	Dr.Leena Dennis Joseph, HOD, Department of Pathology
23	Rapid identification of mycobacteria from mycobacterial growth indicator tube by matrix-assisted laser desorption ionization-time of flight mass spectrometry	Dr Tessa Antony	Assistant Professor, Dept of Microbiology, Faculty of Medicine	Ms Lakshmi Priya U, M.Sc. Medical Laboratory Technology, Department of Allied Health Science, Dr Padma Srikanth, Prof and Head, Dept of Microbiology Dr Sridharan K S, Director central laboratory services

24	Development of in-house Enzyme linked immunoelectrotransfer blot assay for diagnosis of Neurocysticercosis and assessing role of Interleukin 6 as marker of inflammation	Dr Kruthika P	Assistant Professor, Dept of Microbiology, Faculty of Medicine	Dr Rithvik Ramesh Consultant Neurologist Dept of Neurology
25	Association between Vitamin D deficiency and Dental Caries in Adolescents – A case-control Study	Dr P Ajitha, MD	Senior Resident, Department of Paediatrics, Faculty of Medicine, Phone no: 9629421239	Dr P Anitha Designation: Assistant Professor, Department of Paediatrics, Faculty of Medicine - 97898 33488 Dr G Felsy Premila Designation: Lecturer, Faculty of Clinical Research – 9787050005 Dr. P. Subramani Designation: Associate professor, Tagore Medical College and hospital, Chennai – 9003277710
26	AI-Based Smart Sensor Patch for Remote Monitoring and Accelerated Healing of Chronic Wounds	Mr. Namasivaya Naveen S	Assistant Professor Phone no: 9600451835	Dr. Nandakumar V, Associate Professor Phone no: 9940269376
27	Full genome-based analysis of human rotavirus strains causing acute gastroenteritis among children and neonates by whole genome sequencing	Dr. R. Sudhabharathi	Assistant Professor, Dept. of Microbiology Phone no: 9551771764	Dr Padma Srikanth Professor and Head, Dept. of Microbiology - 9884389682 Dr Tintu Varghese Designation: Assistant Professor, Christian Medical College Phone no: 8330046092 Dr P Ramachandran Designation: Professor, Dept. of Pediatrics - Phone no: 9840471901

28	Effect of Posterior Nasal Neurectomy on systemic atopy.	Dr. Ajaykumar P	Senior Resident, ENT Phone no: 90942 58400	Dr. Prasanna Kumar S Head of the department, ENT Phone no: 94444 13094 Dr. Sathish Kumar J Associate Professor, ENT Phone no: 98843 37300
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