

Completed Projects – 2023 (January to December)

1. Community based model of comprehensive cleft care - Phase 6

Funding agency: Transforming faces

Principal Investigator: Dr. K. Vignesh, Senior Lecturer, Pediatric and Preventive Dentistry, Faculty of Dental Sciences, SRIHER(DU)

Co-Investigators: Dr. Aishwarya Nallamuthu, Speech & Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)., Dr. V Krupa, Speech & Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)., and Ms. P. Vandana, Speech & Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)

Duration: 2020-2023

Sanctioned Amount: Rs.39,85,682/-

2. Nilavembu kudineer

Funding agency: Central Council for Research in Siddha

Principal Investigator: Dr. Gayathri, CEFTE, SRIHER(DU)

Duration: 2020-2023

Sanctioned Amount: Rs. 36,79,500/-

3. Evaluation of effect of structured yoga intervention on neurocognitive and stress markers among the patients with anxiety and depression

Funding agency: Department of Science & Technology - Satyam

Principal Investigator: Dr. R. Padmavathi, Physiology, Faculty of Medicine, SRIHER(DU)

Co-Investigators: Dr. R. Sathianathan, Psychiatry, Faculty of Medicine, SRIHER(DU)

Duration: 2020-2023

Sanctioned Amount: Rs. 35,01,340/-

4. Design and development of wearable biofeedback device for Postnatal Diastasis Recti Abdominis (DRA) patients

Funding agency: Department of Science & Technology

Principal Investigator: Ms. P. Ponmathi, Physiotherapy, Faculty of Physiotherapy, SRIHER(DU)

External Investigators: Dr. Menaka & Dr. Karthik, Biomedical Engineering VIT Chennai

Duration: 2021-2023

Sanctioned Amount: Rs. 10,22,560/-

5. Multicenter observational study of candidemia cases with special reference to Candida auris candidemia among ICU patients in India

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. Anupama Jyoti Kindo, Microbiology, Faculty of Medicine, SRIHER(DU)

External Investigators: Dr. Shivprakash Rudramurthy, PGIMR

Duration: 2022-2023

Sanctioned Amount: Rs. 1,64,250/-

6. Community behavior and its determinants in relation to Malaria prevention and control in Tamil Nadu

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. M. Anitha Rani, Community Medicine, Faculty of Medicine, SRIHER(DU)

Duration: 2021-2023

Sanctioned Amount: Rs. 29,77,720/-

7. Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow Up of Participants from the Household Air Pollution Intervention Network (HAPIN II) trial

Funding agency: National Institutes of Health (United States of America)

Principal Investigator: Dr. Kalpana Balakrishnan, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Co-Investigators: Dr. Sankar, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Krishnendu Mukhopathy, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Naveen Puttaswamy, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Thangavel, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Sharada Garg, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Duration: 2022-2023

Sanctioned Amount: Rs. 73,56,717/-

8. Evaluation of interproximal contact areas of primary molars as a risk factor for early childhood caries

Funding agency: Department of Biotechnology - India Alliance

Principal Investigator: Dr. Krithiga M, Faculty of Dental Sciences, SRIHER(DU)

Co-Investigators: Dr. M. S. Muthu, Pedodontics and Preventive Dental Sciences, Faculty of Dental Sciences, SRIHER(DU)

External Investigators: Dr. Justin Lee, Private Practitioner, South Korea., Dr. Tarun Walia Ajman University, U.A.E

Duration: 2018-2023

Sanctioned Amount: Rs. 102,74,000/-

9. Eye-tracking technology: applications and the power of eye movement in dental research

Funding agency: Scheme for Promotion of Academic and Research Collaboration

Principal Investigator: Dr. M. S. Muthu, Faculty of Dental Sciences, SRIHER(DU)

Co-Investigators: Dr. Felsy Premila, Clinical Research, Faculty of Clinical Research, SRIHER(DU)., Dr. Latha Nirmal, Paediatric Dentistry, Faculty of Dental Sciences, SRIHER(DU)

External Investigators: Dr Robert Anthonappa and Dr Nigel M King

Duration: 2019-2021 extended 2023

Sanctioned Amount: Rs. 47,84,000/-

10. Formulation and Optimization of a Herbal Mucoadhesive Gel for antifibrotic effect in Oral Submucous Fibrosis using animal models

Funding agency: Scheme for Promotion of Academic and Research Collaboration

Principal Investigator: Dr. N. Malathi, Oral Pathology, Faculty of Dental Sciences, SRIHER(DU)

Co-Investigators: Dr. Chamundeeswari, Pharmacy, Faculty of Pharmacy, SRIHER(DU)., Dr. Sathesh Kumar Kesavan, Pharmacy, Faculty of Pharmacy, SRIHER(DU)

External Investigators: Prof. Jiang Li, Shanghai Jiao Tong university and Prof. Zhen Tian, Shanghai Jiao Tong university

Duration: 2019-2023

Sanctioned Amount: Rs. 55,18,000/-

11. Comparison of herbal and semi-synthetic compounds for enhancement of the proliferation and potency of Mesenchymal Stem Cells derived from adult dental pulp and adipose tissues for diabetic wounds using 3D scaffolds

Funding agency: Department of Biotechnology

Principal Investigator: Dr. Alan Mathew Punnoose, Clinical Research, Faculty of Clinical Research, SRIHER(DU)

Co-Investigators: Dr. Dwarakanath, Visiting professor, SRIHER(DU)

Duration: 2019-2023

Sanctioned Amount: Rs. 38,93,360/-

12. Modulating post translational modification of the oncogenic signaling kinase p21 activated kinase-1

Funding agency: Board of Research in Nuclear Sciences, Department of Atomic Energy

Principal Investigator: Dr. Ganesh Venkatraman, Human Genetics, Faculty of Biomedical Sciences, SRIHER(DU)

Duration: 2020-2023

Sanctioned Amount: Rs. 56,51,600/-

13. TSH-1st trimester-healthy women1st trimester

Funding agency: Endocrine Society of Tamilnadu and Puducherry

Principal Investigator: Dr. Shriraam M, Endocrinology, Faculty of Medicine, SRIHER(DU)

Duration: 2021-2023

Sanctioned Amount: Rs. 2,00,000/-

Ongoing Projects – 2023 (January to December)

- 1. Effectiveness of a comprehensive tele-practice model for identification and rehabilitation of children with hearing and speech-language disorders in rural communities**
Funding agency: India Alliance DBT Wellcome
Principal Investigator: Dr. Vidya Ramkumar, Speech, Language and Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)
Co Investigators: Dr. Lakshmi Venkatesh, Speech, Language and Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)., Dr. Roopa Nagarajan, Speech, Language and Hearing Sciences, Faculty of Audiology & Speech Language Pathology, SRIHER(DU)
Duration: 2020-2025
Sanctioned Amount: Rs. 2,56,00,000/-
- 2. ICMR's network of pulmonary fibrosis (INPF)**
Funding agency: Indian Council of Medical Research
Principal Investigator: Dr. Irfan Ismail Ayub, Respiratory Medicine, Faculty of Medicine, SRIHER(DU)
Duration: 2021-2026
Sanctioned Amount: Rs. 45,30,700/-
- 3. Comparison of Dose-Response Curve for 60Co, Gamma/X-Ray Induced Cytogenetic Markers (M/A)**
Funding agency: Department of Atomic Energy - Board of Research in Nuclear Sciences
Principal Investigator: Dr. J. Vijayalakshmi, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Co Investigators: Dr. Solomon F.D. Paul, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Duration: 2021-2024
Sanctioned Amount: Rs. 30,40,550/-
- 4. Investigating the role of Dead-box helicase, DDX20 in Wnt-driven ROS production in triple-negative breast cancer**
Funding agency: Science and Engineering Research Board
Principal Investigator: Dr. Lakshmi Revathi Perumalsamy, Biomedical Sciences, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Co Investigators: Dr. Archana, Pathology, Faculty of Medicine, SRIHER(DU)
Dr. Sandhya Sundaram, Pathology, Faculty of Medicine., Dr. Natarajan Bhaskaran, Biomedical Sciences, Faculty of Biomedical Sciences & Research., Dr. Arun Dharmarajan, Biomedical Sciences, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Duration: 2021-2024
Sanctioned Amount: Rs. 29,85,224/-
- 5. Novel epithelial mesenchymal transition marker profile across molecular subtype of breast carcinoma with focus on metastatic disease**
Funding agency: Science and Engineering Research Board
Principal Investigator: Dr. Sandhya Sundaram, Pathology, Faculty of Medicine, SRIHER(DU)
Duration: 2021-2024
Sanctioned Amount: Rs. 29,25,824/-

6. Effects of Maternal Probiotic supplementation on glycaemic control and pregnancy outcomes

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. S. J. Nalini, OB&G Nursing, Faculty of Nursing SRIHER(DU)

Co Investigators: Dr. R. Kavitha, Nursing, Faculty of Nursing SRIHER(DU)., Dr. Usha Viswanath, OB&G, Faculty of Medicine SRIHER(DU)., Dr. Anupama Jyoti Kindo, Microbiology, Faculty of Medicine, SRIHER(DU)., Dr. Hema Malini, Clinical Nutrition, Faculty of Allied Health Sciences SRIHER(DU)

Duration: 2021-2024

Sanctioned Amount: Rs. 11,62,461/-

7. Advances in Pharmaceutical Education and Research

Funding agency: Department of Science & Technology - Fund for Improvement of S&T Infrastructure

Principal Investigator: Dr. A. Jerad Suresh, Principal, Faculty of Pharmacy, SRIHER(DU)

Co Investigators: Dr. Saba Maanvizhi, Pharmacy, Faculty of Pharmacy, SRIHER(DU)., Dr. C. Vinodhini, Pharmacy, Faculty of Pharmacy, SRIHER(DU)

Duration: 2021-2026

Sanctioned Amount: Rs. 53,00,000/-

8. Expression of tumor microenvironment stromal markers and its relationship with mTOR in oral squamous cell carcinoma – A retrospective cohort study

Funding agency: Science and Engineering Research Board

Principal Investigator: Dr. R. Suganya, Oral Pathology, Faculty of Dental Sciences, SRIHER(DU)

Co Investigators: Dr.V.Deepa Parvathi, Biomedical Sciences, Faculty of Biomedical Sciences & Research SRIHER(DU)

Duration: 2021-2024

Sanctioned Amount: Rs. 29,68,994/-

9. Genetic and proteomic expression profiling in clinical stages of oral sumucous fibrosis patients

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. C. V. Divyambika, Oral Medicine and Radiology, Faculty of Dental Sciences, SRIHER(DU)

Co Investigators: Dr. Sadhasivasubramnian, Oral Medicine and Radiology, Faculty of Dental Sciences, SRIHER(DU)

External Investigator: Dr. Vijayalakshmi, Cancer Institute

Duration: 2021-2024

Sanctioned Amount: Rs. 23,31,730/-

10. Prediction of Radiotherapy outcomes in Head and neck squamous cell carcinoma using novel markers

Funding agency: Board of Research in Nuclear Sciences

Principal Investigator: Dr. Sandhya Sundaram, Pathology, Faculty of Medicine, SRIHER(DU)

Duration: 2021-2024

Sanctioned Amount: Rs. 32,48,968/-

11. Workshop on Advanced Molecular Biology Techniques in Dentalgenetic Research

Funding agency: Department of Health Research - Science and Engineering Research Board

Principal Investigator: Dr. Vamsi Lavu, Periodontics, Faculty of Medicine, SRIHER(DU)

Co Investigators: Dr. Vettrisilvi V, Human Genetics, Faculty of Biomedical Sciences & Research SRIHER(DU)

Duration: 2021-2024

Sanctioned Amount: Rs. 23,07,126/-

12. Unravelling the significance of hTERT PAK1 interaction in cancer cells

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. Ganesh Venkatraman, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Duration: 2021-2024

Sanctioned Amount: Rs. 9,63,618/-

13. Digoxin in patients with rheumatic heart disease - a randomis

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. Nagendra Boopathy, Cardiology, Faculty of Medicine, SRIHER(DU)

Duration: 2022-2025

Sanctioned Amount: Rs. 2,93,962/-

14. Development of Elastin based protein nanogels targeted delivery system of combo drugs Enzalutamide/Decursin for Castration Resistance Prostate Cancer (CRPC)Therapy

Funding agency: Department of Science & Technology - Science and Engineering Research Board

Principal Investigator: Dr. Vinoth Lakshmanan, Clinical Research, Faculty of Clinical Research SRIHER(DU)

Co Investigators: Dr. Natarajan K, Urology, Faculty of Medicine, SRIHER(DU)., Dr. Satish Srinivas Kondaveeti, Radiation Oncology, Faculty of Medicine, SRIHER(DU)

Duration: 2022-2025

Sanctioned Amount: Rs. 47,25,600/-

15. Strategic Competency Framework for Digital India Healthcare

Funding agency: Indian Council of Social Science Research

Principal Investigator: Dr. K. C. John, Management Sciences, Faculty of Management Sciences, SRIHER(DU)

Co Investigators: Dr. G. Jabarethina, Management Sciences, Faculty of Management Sciences, SRIHER(DU)

Duration: 2022-2024

Sanctioned Amount: Rs. 16,50,000/-

16. Nutritious food products for pediatrics population

Funding agency: NIDHI PRAYAS program-Healthcare Technology Innovation Centre (HTIC), IIT Madras

Principal Investigator: Dr. N. Preetha, Clinical Nutrition, Faculty of Allied Health Sciences, SRIHER(DU)

Duration: 2022-2024

Sanctioned Amount: Rs. 5,00,000/-

17. Imbalance of and anti-inflammatory bioactive lipids, reverse cholesterol transport (HDL function) in the progression of pre diabetes to type 2 diabetes mellitus

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. K. Kaviarasan, Biomedical Sciences, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Co Investigators: Dr. Shriram Mahadevan, Endocrinology, Faculty of Medicine, SRIHER(DU)

Duration: 2022-2025

Sanctioned Amount: Rs. 33,12,339/-

18. Assessing the 5-Year Effects of a 500-day Liquefied Petroleum Gas Cooking Intervention: Continued Follow up of Participants from the Household Air Pollution Intervention Network (HAPIN) trial

Funding agency: National Institutes of Health

Principal Investigator: Dr. Kalpana Balakrishnan, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Duration: 2022-2026

Sanctioned Amount: Rs. 7,45,34,474/-

19. A system-based framework integrating metagenomics-metabolomics data to unravel microbial interactions in urinary tract infections

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr. Emmanuel Bhaskar, General Medicine, Faculty of Medicine, SRIHER(DU)

Co Investigators: Dr. R. Mahesh, Biotechnology, Faculty of Biomedical Sciences, SRIHER(DU)

Duration: 2022-2025

Sanctioned Amount: Rs. 14,64,510/-

20. NIHR -Heat Exposure & Adaptation Tools - PROtecting Occupational groups via intervention Techniques to Combat Hot Temperatures (HEAT-PROTECT)

Funding agency: National Institute for Health and Care Research (NIHR) Centre on NCDs and Environmental Change - Imperial College London

Principal Investigator: Dr. Vidhya Venugopal, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Duration: 2022-2027

Sanctioned Amount: Rs. 7,73,76,723/-

21. Role of Casz 1 in Oral Cancer - A pilot study towards its mechanism

Funding agency: Department of Science & Technology - Science and Engineering Research Board

Principal Investigator: Dr. Natarajan Bhaskaran, Biomedical Sciences, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Duration: 2022-2024

Sanctioned Amount: Rs. 29,67,310/-

22. Precision Carrs - Population based cohort of south asians to address existing and emerging questions related to cardio-metabolic disease

Funding agency: National Institutes of Health - Centre for Chronic Disease Control

Principal Investigator: Dr. Nagendra Boopathy, Cardiology, Faculty of Medicine, SRIHER(DU)

Co Investigators: Dr. S. Ramesh, Cardiology, Faculty of Medicine, SRIHER(DU)., Dr. R. Jebaraj, Cardiology, Faculty of Medicine, SRIHER(DU)., Dr. S. Sadhanandham, Cardiology, Faculty of Medicine, SRIHER(DU)., Dr. R. Jebaraj, Cardiology, Faculty of Medicine, SRIHER(DU)

External Investigator: Dr Prabhakaran Dorairaj (External), Executive Director, CCDC

Duration: 2022-2026

Sanctioned Amount: Rs.1,54,00,000/-

23. Advance for Boarding, Lodging, Kitting, Coaching/Sports Science Management

Funding agency: Implementation of Khelo India Sports Scheme - Khelo India Division

Principal Investigator: Dr. S. Arumugam, Sports & Exercise Sciences, Faculty of Sports & Exercise Sciences, SRIHER(DU)

Co Investigators: Dr. R. Srinivasan, Sports & Exercise Sciences, Faculty of Sports & Exercise Sciences, SRIHER(DU)

Duration: 2019-Ongoing

Sanctioned Amount: Rs. 74,49,852/-

24. Establishment of BioNEST Bioincubator by Strengthening of Sri Ramachandra Innovation Incubation Center

Funding agency: Biotechnology Industry Research Assistance Council (BIRAC)

Principal Investigator: Dr. Kalpana Balakrishnan, Dean (Research), SRIHER(DU)

Duration: 2021-2024 Extended till 2027

Sanctioned Amount: Rs. 6,31,87,000/-

25. Prenatal Fine Particulate Matter (Pm2.5) and Polycyclic Aromatic Hydrocarbon (PAH) Exposures and their Association with Birthweight in Southern India

Funding agency: National Institutes of Health

Principal Investigator: Dr. Naveen Puttaswamy, Environmental Health Engineering, Faculty of Public Health SRIHER(DU)

Duration: 2022-2027

Sanctioned Amount: Rs. 1,99,89,261/-

New Grants – 2023 (January to December)

- 1. Development of novel nano - silymarin gel for therapeutic efficacy in Oral Submucous Fibrosis**
Funding agency: Indian Council of Medical Research
Principal Investigator: Dr. C.V. Divyambika, Oral Medicine & Radiology, Faculty of Dental Sciences, SRIHER (DU)
Co Investigators: Dr. Satish Srinivas, Radiation Oncology, Faculty of Medicine, SRIHER(DU)
Duration: 2023-2026
Sanctioned Amount: Rs. 33,41,130/-

- 2. Effectiveness of yoga based cardiac Rehabilitation (Yoga-Care) programme in heart in heart failure: A randomized controlled clinical trial**
Funding agency: Indian Council of Medical Research
Principal Investigator: Dr. Nagendra Boopathy, Cardiology, Faculty of Medicine SRIHER(DU)
Duration: 2023-2026
Sanctioned Amount: Rs. 10,17,022/-

- 3. Identification of novel therapeutic substrates unique to triple negative breast cancer using kinase interacting substrate strategy**
Funding agency: Indian Council of Medical Research
Principal Investigator: Dr. Ganesh Venkatraman, Human Genetics, Faculty of Biomedical Sciences & Research SRIHER(DU)
Co Investigators: Dr. S Gouthaman, Surgical Oncology, Faculty of Medicine, SRIHER(DU)
Duration: 2023-2026
Sanctioned Amount: Rs. 31,45,793/-

- 4. Penultimate treatment line for fracture repair - a clinical trial using bone adhesive in managing fracture mandible**
Funding agency: Indian Council of Medical Research
Principal Investigator: Dr. Jawahar Babu S, Oral and Maxillofacial Surgery, Faculty of Dental Sciences, SRIHER(DU)
Co Investigators: Dr. Naveen Kumar J, Oral and Maxillofacial Surgery, Faculty of Dental Sciences, SRIHER(DU), Dr. Pearlcid Siroraj, Oral and Maxillofacial Surgery, Faculty of Dental Sciences, SRIHER(DU)
Duration: 2023-2026
Sanctioned Amount: Rs. 42,49,353/-

- 5. Chromosomal sensitivity in direct and bystander cells irradiated with low- and high LET radiation**
Funding agency: Department of Atomic Energy - Board of Research in Nuclear Sciences
Principal Investigator: Dr. P. Venkatachalam, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Co Investigators: Dr. Teena Koshy, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)
Duration: 2023-2026
Sanctioned Amount: Rs. 28,52,800/-

6. A Tiered Biodosimetry Approach for the Management of Large Scale Radiological and Nuclear Emergencies

Funding agency: Scheme for Promotion of Academic and Research Collaboration

Principal Investigator: Dr. P. Venkatachalam, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Co Investigators: Prof. Venkata Sai PM, Radiology & Imaging Sciences, Faculty of Medicine SRIHER(DU)., Prof. Satish Srinivas K, Radiation Oncology, Faculty of Medicine, SRIHER(DU).,

Dr. Teena Koshy, Human Genetics, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Duration: 2023-2025

Sanctioned Amount: Rs. 64,41,073/-

7. Characterisation of Wnt signaling pathway as a potential therapeutic target for Ligamentum flavum hypertrophy in Lumbar canal stenosis

Funding agency: Science and Engineering Research Board

Principal Investigator: Dr.G.Sudhir, Orthopaedics & Spine Surgery, Faculty of Medicine, SRIHER(DU)

Co Investigators: Dr.P.Lakshmi Revathi, Biomedical Sciences, Faculty of Biomedical Sciences, SRIHER(DU)

Co Investigators: Prof.Sandhya Sundaram, Pathology, Faculty of Medicine, SRIHER(DU)., Prof.Arun Dharmarajan, Biomedical Sciences, Faculty of Biomedical Sciences & Research, SRIHER(DU)

Duration: 2023-2026

Sanctioned Amount: Rs. 62,45,613/-

8. Role of urinary biomarkers in the diagnosis and prognosis of children with ureteropelvic junction obstruction

Funding agency: Indian Council of Medical Research

Principal Investigator: Prof. Ramesh Babu, Paediatric Urology, Faculty of Medicine, SRIHER(DU)

Co Investigators: G. Sangeetha, Paediatrics, Faculty of Medicine, SRIHER(DU)

Duration: 2023-2026

Sanctioned Amount: Rs. 14,72,480/-

9. NIHR Global Health Research centre and Environmental Change project-CADA special scheme for training NIHR research personnel

Funding agency: Imperial College of Science, Technology & Medicine

Principal Investigator: Dr. Vidhya Venugopal, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Krishnendy Mukhopathy, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Dr. Yogeshwaran (Ph.D), Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)., Mr. Logesh (Ph.D), Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Duration: 2023-2024

Sanctioned Amount: Rs. 2,01,607/-

10. Bionic nano-fibros cell sheet loaded with lyophilized platelet rich plasma in the management of large skin defect - In vitro and Pre-clinical study

Funding agency: Indian Council of Medical Research

Principal Investigator: Dr H. Balaji Raghavendran, Clinical Research, Faculty of Clinical Research SRIHER(DU)

Co Investigators: Dr Alan M Punnoose Clinical Research, Faculty of Clinical Research, SRIHER(DU)

External Co Investigators: Dr. Chandrasekhar M, Madras Veterinary College, Vepery

Duration: 2023-2025

Sanctioned Amount: Rs. 41,27,586/-

11. Innovative mHealth Intervention providing Sustained Anticipatory Guidance (Zero Cavity): Design, Validation, User perception and Effectiveness

Funding agency: National Institutes of Health

Principal Investigator: Dr. M.S. Muthu, Pediatric and Preventive Dentistry, Faculty of Dental Sciences, SRIHER(DU)

Co Investigators: Dr.Ankita M Saikia, Pediatric and Preventive Dentistry, Faculty of Dental Sciences, SRIHER(DU)., Dr.Latha Nirmal, Dentistry, Faculty of Dental Sciences, SRIHER(DU)., Dr.Umapathy, , Pediatrics, Faculty of Medicine, SRIHER(DU)., Dr.Kalpna Balakrishnan, Environmental Health Engineering, Faculty of Public Health, SRIHER (DU)

External Co Investigators: Dr.John Davis Akkara, Ophthalmologist, Chaitanya Eye Hospital and Research Institute., Dr.Vijay Mathur, All India Institute of Medical Sciences, New Delhi

Duration: 2023-2028

Sanctioned Amount: Rs. 1,14,791,42/-

12. Effects of extreme heat on maternal, placental and foetal physiology, lactation and newborn health in india (HiP-India)

Funding agency: The George Institute for Global Health, UK

Principal Investigator: Dr. Vidhya Venugopal, Environmental Health Engineering, Faculty of Public Health, SRIHER(DU)

Duration: 2023-2028

Sanctioned Amount: Rs. 2,00,031,15/-

13. A Personalized Visual Guidance system for Musculoskeletal therapeutic Interventions

Funding agency: Science and Engineering Research Board - Core Research Grant

Principal Investigator: Dr.G.Sudhir, Orthopaedics & Spine Surgery, Faculty of Medicine, SRIHER(DU)

Duration: 2023-2026

Sanctioned Amount: Rs. 5,07,408/-

14. EPHA1 mediated regulation of cancer stem cells in high grade serous carcinoma of ovary and its therapeutic potential

Funding agency: Department of Science & Technology - State University Research Excellence

Principal Investigator: Dr. T. S. Ganesan, Medical Oncology, Faculty of Medicine, SRIHER(DU)

Co Investigators: Dr. Arun Kumar, Medical Oncology, Faculty of Medicine, SRIHER(DU)

Duration: 2023-2026

Sanctioned Amount: Rs. 23,98,000/-