

Jubilee Centre for Medical Research
Jubilee Mission Medical College & Research Institute, Thrissur Kerala 680005

Projects recently completed

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1	Title and the scope of the project	Effectiveness of Covid Vaccine and identification of SARS Cov2 Variants among PLHIV in Central Kerala – An Ambidirectional Cohort Study
2	Sponsoring agency if any	ICMR
3	Project leader	Dr. Joe Thomas, Prof, Dept of Community Medicine
4	Year in which started	2022
5	Duration in months	14
6	Total (lakhs)	Rs 45.41

2

1	Title and the scope of the project	Influence of demographic, clinical, genetic and pattern of management in maintaining long term abstinence among patients of alcohol use disorders who received treatment from De-addiction centres in Thrissur district: A prospective follow up study.
2	Sponsoring agency if any	ICMR
3	Project leader	Dr. Praveenlal Kuttichira, Psychiatry Dept
4	Year in which started	2019
5	Duration in months	36
6	Total (lakhs)	Rs. 53.68

3

1	Title and the scope of the project	Rotasiil® Vaccine Intussusception Surveillance in Kerala, Karnataka, Maharashtra and Gujarat, India
2	Sponsoring agency if any	Funded by Bill and Melinda Gates Foundation, USA through CMC Vellore
3	Project leader	Dr Aparna Namboodirippad, Associate Professor, Dept. of Pediatrics
4	Year in which started	2020
5	Duration in months	36
6	Total (lakhs)	Rs 15.2

4

1	Title and the scope of the project	Laboratory extraction of active 1-8 Cineol from <i>Alpine calacrata</i> and <i>Elettaria cardamomum</i> leaves, quantification using GCSMS studies and studies on antibacterial activity
2	Sponsoring agency if any	CSR funding (M/s Jos Alukkas Foundation)
3	Project leader	Dr Prashanth Varkey, Associate Professor, JCMR
4	Year in which started	2020
5	Duration in months	24
6	Total (lakhs)	35 Lakhs

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1	Title and the scope of the project	Development of microneedles from hyaluronic acid
2	Sponsoring agency if any	CSR funding (M/s Vector Surgical Disposables)
3	Project leader	Dr Prashanth Varkey, Associate Professor, JCMR
4	Year in which started	2021
5	Duration in months	12
6	Total (lakhs)	5 Lakhs

6

1	Title and the scope of the project	Randomized controlled trial of the effect of milking of umbilical cord versus standard care on Neonatal Morbidity pattern and Neurodevelopmental outcome up to one year of corrected age in very preterm infants
2	Sponsoring agency if any	KSCSTE, Govt of Kerala
3	Project leader	Dr V C Manoj Neonatology Dept
4	Year in which started	2018
5	Duration in months	36
6	Total (lakhs)	16.32

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1	Title and the scope of the project	Community detection of diabetes using HbA1C and role of a mobile app based awareness program in lifestyle disease management.
2	Sponsoring agency if any	CSR funding (M/s Jos Alukkas Foundation)
3	Project leader	Dr Prashanth Varkey, Associate Professor, JCMR
4	Year in which started	2019
5	Duration in months	24
6	Total (lakhs)	25 Lakhs

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1	Title and the scope of the project	A study on snoring and stress patterns in sleep and the role of various head and neck supports in decreasing snoring.
2	Sponsoring agency if any	CSR funding (Duroflex, Bangalore)
3	Project leader	Dr Prashanth Varkey, Associate Professor, JCMR
4	Year in which started	2019
5	Duration in months	24
6	Total (lakhs)	4 Lakhs

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1	Title and the scope of the project	Studies on the isolation of Hyaluronic acid from umbilical cord tissue and the methods of coating it on the Amchioplast product
2	Sponsoring agency if any	CSR funding (Life cell corporation, Chennai)
3	Project leader	Dr Prashanth Varkey, Associate Professor, JCMR
4	Year in which started	2019
5	Duration in months	24
6	Total (lakhs)	12 Lakhs

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1	Title and the scope of the project	An interventional Study on Comprehensive Emergency Care and Trauma Registry for Road Traffic Injuries in India – Thrissur District, Kerala State
2	Sponsoring agency if any	ICMR-NTF
3	Project leader	Dr Babu Urumese Palatty (Emergency Medicine Dept)
4	Duration	2017-20
5	Total (lakhs)	Rs 75.64 Lakhs

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1	Title and the scope of the project	Evaluation of Loop mediated isothermal amplification for the rapid diagnosis of Tuberculosis
2	Sponsoring agency if any	RNTCP
3	Project leader	Dr. Chithra Valsan (Microbiology Dept)
4	Duration	2018-20
5	Total (lakhs)	Rs 2.00 Lakhs

12

1	Title and the scope of the project	The role of sortilin in cancer as an early diagnostic and prognostic marker
2	Sponsoring agency if any	ICMR-DHR International Fellowship Programme For Indian Biomedical Scientists
3	Project leader	Dr. Alex George in collaboration with Dr. Cornelia M Wilson, Canterbury Christ Church University, UK
4	Duration	2019-20
5	Total (lakhs)	Rs 36.00 Lakhs

13

1	Title and the scope of the project	Evaluation of beneficial effect of ferulic acid, cinnamic acid and chlorogenic acid against diabetic cardiomyopathy
2	Sponsoring agency if any	DHR, Govt India.
3	Project leader	Co-investigator Dr S Ranjith Anatomy Dept Collaborative project with NIIST, TVM
4	Duration	2017-20
5	Total (lakhs)	Rs 27.00 Lakhs

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1	Title and the scope of the project	Evaluation of beneficial effect of Boeravinone - B from <i>Boerhaavia diffusa</i> against diabetic cardiomyopathy through mitochondria mediated pathway in H9c2 cardiomyoblast and heart for development of nutraceutical
2	Sponsoring agency if any	DHR, Govt India.
3	Project leader	Co-investigator Dr S Ranjith Anatomy Dept Collaborative project with NIIST, TVM
4	Duration	2017-20
5	Total (lakhs)	Rs 37.00 Lakhs

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1	Title and the scope of the project	Generation of potential VEGF, JAK1/JAK2 and IL-17 modulators for rheumatoid arthritis from traditional medicinal plants.
2	Sponsoring agency if any	DBT, Govt India.
3	Project leader	Co-investigator Dr S Ranjith Anatomy Dept Collaborative project with NIIST, TVM, Dr. Genu George
4	Duration	2017-20
5	Total (lakhs)	Rs 37.00 Lakhs

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1	Title and the scope of the project	Biocompatible combined polymer-polysaccharide Core-shell VEGF-targeted nanocarrier for sustained pharmacotherapy towards diabetic retinopathy
2	Sponsoring agency if any	DBT, Govt India.
3	Project leader	Co-investigator Dr S Ranjith Anatomy Dept Collaborative project with NIIST, TVM Dr. Dr. Kaustabh Kumar Maiti
4	Duration	2017-20
5	Total (lakhs)	Rs 42.00 Lakhs

17

1	Title and the scope of the project	Association of CRISPLD2 gene and non-syndromic cleft lip and palate: A case-control study.
2	Sponsoring agency if any	C Achutha Menon- T R Chandradutt fellowship 2020
3	Project leader	Ms. Soumya Raj (JCMR)
4	Duration	2019-20
5	Total (lakhs)	Rs 0.25

18

1	Title and the scope of the project	Study of Sofosbuvir/ Velpatasvir on patients with chronic Hepatitis C Virus infection
2	Sponsoring agency if any	Mylan Pharmaceuticals
3	Project leader	Dr T K Joseph (Dept of Gastroenterology) Dr Jerry Earali (Medicine Dept)
4	Duration	2019- 2020
5	Total (lakhs)	Rs 2.9 Lakhs

19

1	Title and the scope of the project	Feasibility, accuracy & validation study of the fetal heart rate (using fetal ECG) and uterine contraction (using uterine EMG) monitoring device during intra-partum period and to study the feasibility of prediction of fetal distress via pattern analysis of aforementioned parameters
2	Sponsoring agency if any	Janitri Innovations Private Limited
3	Project leader	Dr. Sareena Gilvaz, Professor & HOD, OBG Department
4	Duration in months	2018-19 (12 months)
5	Total (lakhs)	2 Lakh

20

1	Title and the scope of the project	Tissue Engineering - Development of affordable biodegradable dermal substitutes
2	Sponsoring agency if any	DRDO, Ministry of Defence, Govt. of India
3	Project leader	Dr. Prasanth Varkey, Associate Professor, JMMC & RI in Collaboration with Dr. V.N. Vasudevan, Dept of Livestock Products Technology, College of Veterinary and Animal Sciences, Mannuthy, Thrissur
4	Duration	2012- 2015
5	Total (lakhs)	151.73 Lakhs - JMMC & RI share 49.74 Lakhs

21

1	Title and the scope of the project	Acute Coronary Syndrome Quality Improvement in Kerala
2	Sponsoring agency if any	ACS QUIK Trial
3	Project leader	Dr. T Govindan Unni (Cardiology Dept)
4	Duration	2015-2017
5	Total (lakhs)	Rs 2.00 Lakhs

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1	Title and the scope of the project	Hyperbaric oxygenation in treatment of alcohol dependence syndrome
2	Sponsoring agency if any	DBT / INCRE Fellowship
3	Project leader	Dr. Geomy G Chakkalakkudy, Psychiatry Dept.
4	Duration	2014-2016
5	Total (lakhs)	Rs 5.00 Lakhs

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1	Title and the scope of the project	Cytomegalovirus (CMV) prevalence among blood donor population in South India
2	Sponsoring agency if any	Funded by Johnson & Johnson Ortho Clinic.
3	Project leader	Dr. Nithin Henry, Transfusion Medicine Dept
4	Duration	2015
5	Total (lakhs)	Rs. 5 Lakhs

24

1	Title and the scope of the project	Investigations on Endoplasmic Reticulum Stress and Unfolded Protein Response in Rabies Virus Infection
2	Sponsoring agency if any	SERB – DST
3	Project leader	Dr. Ullas Thankappan, JCMR
4	Duration	2015-16
5	Total (lakhs)	Rs 17.7 Lakhs

25

1	Title and the scope of the project	Risk assessment and management of Vte in women at risk of thrombo embolism during pregnancy and puerperium
2	Sponsoring agency if any	Sanofi
3	Project leader	Dr. Aswath Kumar (Dept of OBG)
4	Duration	2015-2016
5	Total (lakhs)	Rs 0.50

26

1	Title and the scope of the project	Outcome of pulmonary and extrapulmonary tuberculosis in patients with Diabetes Mellitus
2	Sponsoring agency if any	RNTCP, Govt of Kerala
3	Project leader	Dr. Supriya Adiody, Pulmonary Medicine Dept
4	Duration	2011-12
5	Total (lakhs)	Rs 60,000