

Intramural research and Intramural collaborative projects of CCRS

The first meeting of the Scientific Advisory Board (SAB) approved 22 IMR projects and one IMR collaborative project and the activities related to the projects are in progress.

- Multicentric Open labelled clinical trial of OA1 Chooranam on Azhal Keelvayu (Osteo arthritis – Knee joint).
Principal Investigator - Dr. A. Kanagarajan;
Co-Principal Investigator - Dr. P. Elankani, Dr .S. Selvarajan, Dr. A. Rajendra Kumar.
- Multi-centric open clinical trial of a classical Siddha formulation Rasagandhi Mezhu in Karuppai Sathai kattigal (Fibroid uterus).
Principal Investigator - Dr. Shyamala Rajkumar;
Co-Principal Investigator - Dr. A. Rajendra Kumar, Dr .S. Selvarajan, Dr. A. Kanagarajan, Dr. Padmalatha, Dr. Benith Segin, Dr. Nirmala Vijayakumar
- Randomized controlled trial of two Siddha drugs in the management of Urolithiasis (Kallatāippu) - Phase II
Principal Investigator - Dr. A. Rajendra Kumar.
- Siddha treatment guidelines for non-communicable diseases.
Principal Investigator - Dr. P. Sathiyarajeswaran;
Co-Principal Investigator - Dr. M. Kannan, Dr. Shyamala Rajkumar.
- Assessment in the awareness and usage of Siddha medicine among the population of Puducherry and Karaikal region
Principal Investigator - Dr. A. Rajendra Kumar
- Digitization and compilation of herbarium and folklore claims of survey of medicinal plants unit - Siddha at Palayamkottai.
Principal Investigator - Dr. Padma Sorna Subramanian;
Co-Principal Investigator – Dr. A. Kanagarajan.
- Anti-hyperlipidemic activity of D5 Cūraṇam.
Principal Investigator - Dr. G. Dayanand Reddy
- Pre-clinical (Chronic toxicity) evaluation of Kauricintāmaṇi Centūram – A Siddha drug.
Principal Investigator - Dr. P. Elankani;
Co-Principal Investigator - Shri. R. Ganesan, Dr. G. Dayanand Reddy;
- Toxicological studies of Ayapunakac centuram - a Siddha polyherbal formulation.
Principal Investigator - Dr. G. Dayanand Reddy.
- A Siddha polyherbal formulation (Nilappaṇaic cūraṇam) in the management of Oligospermia (Vintarūkkurāipātu).
Principal Investigator - Dr. S. Selvarajan;

Co-Principal Investigator – Dr. V. Gayathri Devi; Dr. G. Dayanand Reddy.

- Vernacular name Encyclopaedia of Siddha drugs mentioned in Siddha Materia Medica (Kuṇapāṭam).

Principal Investigator - Dr. P. Sathiyarajeswaran;

Co-Principal Investigator - Dr. M. Kannan, Dr. Shyamala Rajkumar.

- Database of Siddha preparations for certain diseases mentioned in the enlisted literatures of Drugs and Cosmetics Act 1940.

Principal Investigator - Dr. Shyamala Rajkumar.

- Medico ethno-botanical study of Palamalai, Salem district.

Principal Investigator - Dr. Padma sorna Subramanian;

Co-Principal Investigator – Dr. I. Chelladurai.

- Hepatoprotective activity of *Fluggea virosa* against chemical induced liver damage in rats.

Principal Investigator - Dr. G. Dayanand Reddy.

- Alternative therapy for diabetic retinopathy / cataract of *Fluggea virosa* in rats.

Principal Investigator - Dr. G. Dayanand Reddy.

- Toxicity studies of Nattaiccūri Cūraṇam.

Principal Investigator - Dr. G. Dayanand Reddy.

- Nephroprotective effect of *Sphaeranthus amaranthoides* Burm. f. (Sivakaranthai) against Gentamycin induced nephrotoxicity in Rats

Principal Investigator - R. Ganesan;

Co-Principal Investigator - Dr. G. Dayanand Reddy, Dr. P. Elankani.

- Evaluation of anti-diabetic activity of *Argyreia sericea* Dalzell (Ūṇāṅkoṭi) against streptozotocin induced diabetes in rats.

Principal Investigator - R. Ganesan;

Co-Principal Investigator - Dr. G. Dayanand Reddy, Dr. P. Elankani.

- Isolation of chemical marker from selected plants used in Reproductive and Child Health.

Principal Investigator - Smt. R. Shakila.

- Analysis of inorganic composition of selected plants used in Siddha System; Principal Investigator - Smt. R. Shakila.

- Drug Standardization and Quality Assurance by developing Pharmacopoeial standards for Siddha formulations.

Principal Investigator - Dr. V. Gayathri Devi.

- Qualitative and Quantitative analysis of Cempu (Copper) containing plants – A scientific validation of Siddha claim;

Principal Investigator – Dr. K. Parthasarathy;

Co-Principal Investigator - Dr. Padma sorna Subramanian.

- Efficacy of Kaṭukkāy Māttirai (-a Siddha Medicine Preparation) in controlling Anaemia in Tamil Nadu.

Principal Investigator - Dr. Sarada Suresh;

Co-Principal Investigator - Dr. R.S. Ramaswamy.

The second meeting of the Scientific Advisory Board (SAB) approved 8 IMR projects and 2 IMR collaborative project and the activities related to the projects are in progress.

- Preclinical Safety and Efficacy of Nuna Kadugu (Internal Medicine) and Nuna Thailam (External Medicine) in Ven Padai (Vitiligo)
Principal Investigator - Dr. R.S. Ramaswamy;
Co-Principal Investigators - Dr. G. Dayanand Reddy, Dr. Yogeshkumar Murkunde.
- Status of labeling, drug information and branding in marketed anti-diabetic Siddha formulations: Cross-sectional study: Chennai, Tamil Nadu, 2016.
Principal Investigator - Dr. P. Sathiyarajeswaran, Dr. P. Manickam;
Co-Principal Investigator - Dr. M. Kannan
- Siddha Encyclopaedia & Android Application for Research Community and Health care institutions SEARCH i - CD - RoM / Android application of T.V. Sambasivam pillai Dictionary
Principal Investigator - Dr. M. Kannan;
Co-Principal Investigator - Dr. P. Sathiyarajeswaran.
- Qualitative and Quantitative Analysis of Lead in 'Lead containing Plants' - A Scientific validation of Siddha claim.
Principal Investigator - Mrs. Anitha John;
Co-Principal Investigator - Dr. M. Padma Sorna Subramanian
- Statistical Approach to construct a Classifier to distinguish patients as per their body constitution based on Udaliyal.
Principal Investigator - Dr. M. Kannan;
Co-Principal Investigators - Dr. P. Sathiyarajeswaran, Mr. Rajesh Kumar
- Untargetted approach to the geochemical characterization of Hypothecated Muppu (Marine sediments collected from Bay of Bengal at Rameswaram and white powdery salts collected from Kovanur and Sidhha malli)
Principal Investigator - Dr. K. Parthasarathy;
Co-Principal Investigators - Dr. R. Sudha, Dr. S. Ayyasamy
- Metabolomic profiling and Identification of Principle Components from herbals used in Siddha System for Cognitive disorders using multivariate statistical analysis
Principal Investigator - Dr. K. Parthasarathy;

Co-Principal Investigators - Dr. M. Kannan, Dr. V.L. Reena

- A Multicentric randomized placebo controlled open trial for the efficacy of Siddha Varmam therapy in the management of Saganavatham using Varmam Procedure.

Principal Investigator - Dr. R.S.Ramaswamy;

Co-Principal Investigators - Dr. S. Natarajan, Dr. R. Meena, Dr. S. Shanmugaram, Dr. B. Chithra, Dr. K. S. Maanickhachelvi, Dr. K. Sivaranjani, Dr. S. Saravanan

- Evaluation of safety and efficacy of Sivappu kukkil thylam or Kunthirikka thylam and Varmam therapy among subjects with Osteo Arthritis of knee joints

Principal Investigator - Dr. S. Saravanan

- Comparative open non randomized Phase II clinical trial of Panchakarpam patru for Insomnia.

Principal Investigator - Dr. B. Akila