

Clinical Research

| S.No | Name of the Projects and the Research Sites | Research Team |
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| 1. | RCT of Two Siddha Drugs in the Management of Urolithiasis (Kalladaippu) - Phase 2 Siddha Regional Research Institute, Puducherry | PI: Dr. A. Rajendra Kumar, M.D (Siddha) |
| 2. | Clinical Evaluation of Coded Drug OA-1 Chooranam and Vatha Kesari Thylam in the Management of Azhal Keel Vayu (Osteoarthritis) <ul style="list-style-type: none"> • Siddha Clinical Research Unit, Palayamkottai, Tamil Nadu • Siddha Central Research Institute, Chennai, Tamil Nadu • Siddha Regional Research Institute, Trivandrum, Kerala • Siddha Regional Research Institute, Puducherry | PI: Dr. A. Kanagarajan, M.D (Siddha) Co-PI: Dr. P. Elankani, M.D (Siddha) Dr. S. Selvarajan, M.D (S) Dr. A. Rajendra Kumar, M.D (S) |
| 3. | Multi-centric Clinical Trial of a Classical Siddha Formulation Rasagandhi Mezhu in Karuppai Narthasai Kattigal (Fibroid Uterus) <ul style="list-style-type: none"> • Siddha Central Research Institute, Chennai, Tamil Nadu • Siddha Clinical Research Unit, Palayamkottai, Tamil Nadu • Siddha Regional Research Institute, Trivandrum, Kerala • Siddha Regional Research Institute, Puducherry | PI: Dr. Shyamala Rajkumar, M.D (S) Co-PI: Dr. A. Kanagarajan, M.D (S) Dr. S. Selvarajan, M.D (S) Dr. A. Rajendra Kumar, M.D (S) Dr. Padma latha, M.D DGO Dr. Benitha Segi, MBBS, DNB OG Dr. Nirmala Vijayakumar, MD(OG) |
| 4. | Assessment of awareness and usage of Siddha medicine among the patients reporting to selected Siddha OPDs in Puducherry & Karaikkal regions Siddha Regional Research Institute, Puducherry | PI: Dr. A. Rajendra Kumar, M.D (S) |

Drug Standardisation

| S.No | Name of the Projects and the Research Sites | Research Team |
|------|--|---|
| 1. | A Siddha polyherbal formulation (Nilappanai Chooranam) in the management of Oligospermia (Vindhanu kuraipadu) Siddha Regional Research Institute, Trivandrum, Kerala | PI: Dr. S. Selvarajan, M.D (Siddha) Co-PI: Dr. V. Gayathri Devi, Ph.D (Chemistry) Dr. G. Dayanand Reddy, Ph. D (Pharmacology) |
| 2. | Isolation of chemical marker from selected plants used in Reproductive and Child Health Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Smt. R. Shakila, M.Sc. (Chemistry) |

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| 3. | 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 Sitha malli) Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Dr. K. Parthasarathy, Ph.D (Chemistry) Co-PI: Dr. R. Sudha, BSMS, Ph.D Dr. S. Ayyasamy, BSMS, Ph.D |
| 4. | Qualitative and Quantitative Analysis of Chembu (copper) in 'Chembu containing Plants' – A Scientific validation of Siddha claim Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Dr. K. Parthasarathy, Ph.D (Chemistry) Co-PI: Dr. M. Padma Sorna Subramanian, M.Sc, Ph.D (Botany) |

Pharmacological Studies

| S.No | Name of the Projects and the Research Sites | Research Team |
|------|---|--|
| 1. | Anti-hyperlipidemic activity of <i>D5 choornam</i> Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Dr. G. Dayanand Reddy, Ph.D (Pharmacology) |
| 2. | Pre-clinical safety and efficacy of Nuna kadugu (internal medicine) and Nuna thailam (external medicine) in Venpadai (Vitiligo) Central Council for Research in Siddha, Chennai, Tamil Nadu | PI: Prof. Dr. R. S. Ramaswamy, M.D (Siddha) Co-PI: Dr. G. Dayanand Reddy, Ph.D (Pharmacology) |

Literary Research

| S.No | Name of the Projects and the Research Sites | Research Team |
|------|---|--|
| 1. | Development of Siddha Treatment Guidelines for Selected Non-Communicable Diseases. Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Dr. P. Sathiyarajeswaran, M.D(Siddha) Co-PI: Dr. M. Kannan, M.D (Siddha) Dr. Shyamala Rajkumar, M.D (S) |
| 2. | Database of Siddha preparations for certain diseases mentioned in the enlisted books of drugs and cosmetics act, 1940 Central Council for Research in Siddha, Chennai, Tamil Nadu | PI: Dr. Shyamala Rajkumar, M.D (Siddha) |
| 3. | Vernacular Name Encyclopaedia of Siddha Drugs mentioned in Siddha Materia Medica (Gunapadam) Siddha Central Research Institute, Chennai, Tamil Nadu | PI: Dr. P. Sathiyarajeswaran, M.D (S) Co-PI: Dr. M. Kannan, M.D (S) Dr. Shyamala Rajkumar, M.D (S) |

Medicinal Plants Research

| S.No | Name of the Projects and the Research Sites | Research Team |
|------|--|--|
| 1. | Medico Ethno Botanical Study of Palamalai, Salem District Siddha Medicinal Plants Garden, Mettur Dam, Tamil Nadu | PI: Dr. M. Padma Sorna Subramanian, M.Sc, Ph.D (Botany) Co-PI: Dr. I. Chelladurai M.D (Siddha) |
| 2. | Digitization and Compilation of Herbarium and Folklore Claims at Survey of Medicinal Plants Unit-Siddha, Palayamkottai. Siddha Medicinal Plants Garden, Mettur Dam, Tamil Nadu | PI: Dr. M. Padma Sorna Subramanian, M.Sc, Ph.D (Botany) Co-PI: Dr. A. Kanagarajan, M.D (S) |

Clinical Research

| S.No | Name of the Projects and the Research Sites | Outcome of the Project |
|------|---|---|
| 1. | RCT of Two Siddha Drugs in the Management of Urolithiasis (Kalladaippu) - Phase 2 Siddha Regional Research Institute, Puducherry | Determination of efficacy of the Siddha formulations in Urolithiasis (Kalladaippu) |
| 2. | Clinical Evaluation of Coded Drug OA-1 Chooranam and Vatha Kesari Thylam in the Management of Azhal Keel Vayu (Osteoarthritis) <ul style="list-style-type: none"> • Siddha Clinical Research Unit, Palayamkottai, Tamil Nadu • Siddha Central Research Institute, Chennai, Tamil Nadu • Siddha Regional Research Institute, Trivandrum, Kerala • Siddha Regional Research Institute, Puducherry | Determination of efficacy of the coded drug in Azhal Keel Vayu (Osteoarthritis) |
| 3. | Multi-centric Clinical Trial of a Classical Siddha Formulation Rasagandhi Mezhu in Karuppai Nar thasai Kattigal (Fibroid Uterus) <ul style="list-style-type: none"> • Siddha Central Research Institute, Chennai, Tamil Nadu • Siddha Clinical Research Unit, Palayamkottai, Tamil Nadu • Siddha Regional Research Institute, Trivandrum, Kerala • Siddha Regional Research Institute, Puducherry | Determination of safety and efficacy of RGM in Karuppai Nar thasai Kattigal (Fibroid Uterus) |
| 4. | Assessment of awareness and usage of Siddha medicine among the patients reporting to selected Siddha OPDs in Puducherry & Karaikkal regions Siddha Regional Research Institute, Puducherry | <ul style="list-style-type: none"> • The age group of men/women population, who use Siddha medicine and the public expectations on the quality of Siddha medicines could be assessed |

Drug Standardisation

| S.No | Name of the Projects and the Research Sites | Outcome of the Project |
|------|--|--|
| 1. | A Siddha polyherbal formulation (Nilappanai Chooranam) in the management of Oligospermia (Vindhanu kuraipadu) Siddha Regional Research Institute, Trivandrum, Kerala | Standardisation of the polyherbal formulation before initiation of the clinical trial. |
| 2. | Isolation of chemical marker from selected plants used in Reproductive and Child Health Siddha Central Research Institute, Chennai, Tamil Nadu | <ul style="list-style-type: none"> • To isolate chemical markers from eighteen plants used in RCH. These markers will be quantified in Siddha formulations used in RCH treatment. |

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| 3. | 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 Sitha malli) Siddha Central Research Institute, Chennai, Tamil Nadu | <ul style="list-style-type: none"> • An integrative workflow to establish chemical composition of the marine sediments and white powdery salt. • Qualitative methodologies would be available to detect the trace elements present in the inorganic sediments and salts. |
| 4. | Qualitative and Quantitative Analysis of Chembu (copper) in 'Chembu containing Plants' – A Scientific validation of Siddha claim Siddha Central Research Institute, Chennai, Tamil Nadu | <ul style="list-style-type: none"> • The content of Chembu (Cu) present in the selected drugs would be quantified. • The analytical technique would be extended to heavy metals and other inorganic elements. |

Pharmacological Studies

| S.No | Name of the Projects and the Research Sites | Outcome of the Project |
|------|--|---|
| 1. | Anti-hyperlipidemic activity of <i>D5 choornam</i> Siddha Central Research Institute, Chennai, Tamil Nadu | Project not yet initiated pending IAEC approval |
| 2. | Pre-clinical safety and efficacy of Nuna kadugu (internal medicine) and Nuna thailam (external medicine) in Venpadaai (Vitiligo) Central Council for Research in Siddha, Chennai, Tamil Nadu | Determination of safety and efficacy of the Siddha formulations in Venpadaai (Vitiligo) |

Literary Research

| S.No | Name of the Projects and the Research Sites | Outcome of the Project |
|------|---|---|
| 1. | Development of Siddha Treatment Guidelines for Selected Non-Communicable Diseases. Siddha Central Research Institute, Chennai, Tamil Nadu | Development of useful & standard Siddha Treatment Guidelines |
| 2. | Database of Siddha preparations for certain diseases mentioned in the enlisted books of drugs and cosmetics act, 1940 Central Council for Research in Siddha, Chennai, Tamil Nadu | Standard database - referral text for physicians, researchers and academicians. |
| 3. | Vernacular Name Encyclopaedia of Siddha Drugs mentioned in Siddha Materia Medica (Gunapadam) Siddha Central Research Institute, Chennai, Tamil Nadu | Publication of Vernacular Name Encyclopaedia |

Medicinal Plants Research

| S.No | Name of the Project | Outcome of the Projects |
|------|---|---|
| 1. | Medico Ethno Botanical Study of Palamalai- Salem District Siddha Medicinal Plants Garden, Mettur Dam, Tamil Nadu | <ul style="list-style-type: none"> • Documentation of floral diversity and its ethno practices among the forest tribes. • Enlightens with the added area of hitherto unexplored/non documented floral wealth of Palamalai and the folk claims of the forest dwellers. |
| 2. | Digitization and Compilation of Herbarium and Folklore Claims at Survey of Medicinal Plants Unit- Siddha, Palayamkottai. Siddha Medicinal Plants Garden, Mettur Dam, Tamil Nadu | <ul style="list-style-type: none"> • Digitalization of the Herbarium for the development of Centralized Repository of Digital Medicinal Plants Herbarium for effective preservation, by using versatile techniques and thus providing easy accessibility for the student community and the public. • A publication of descriptive catalogue of original and digital herbarium sheets in print form will be available to public/researchers. |