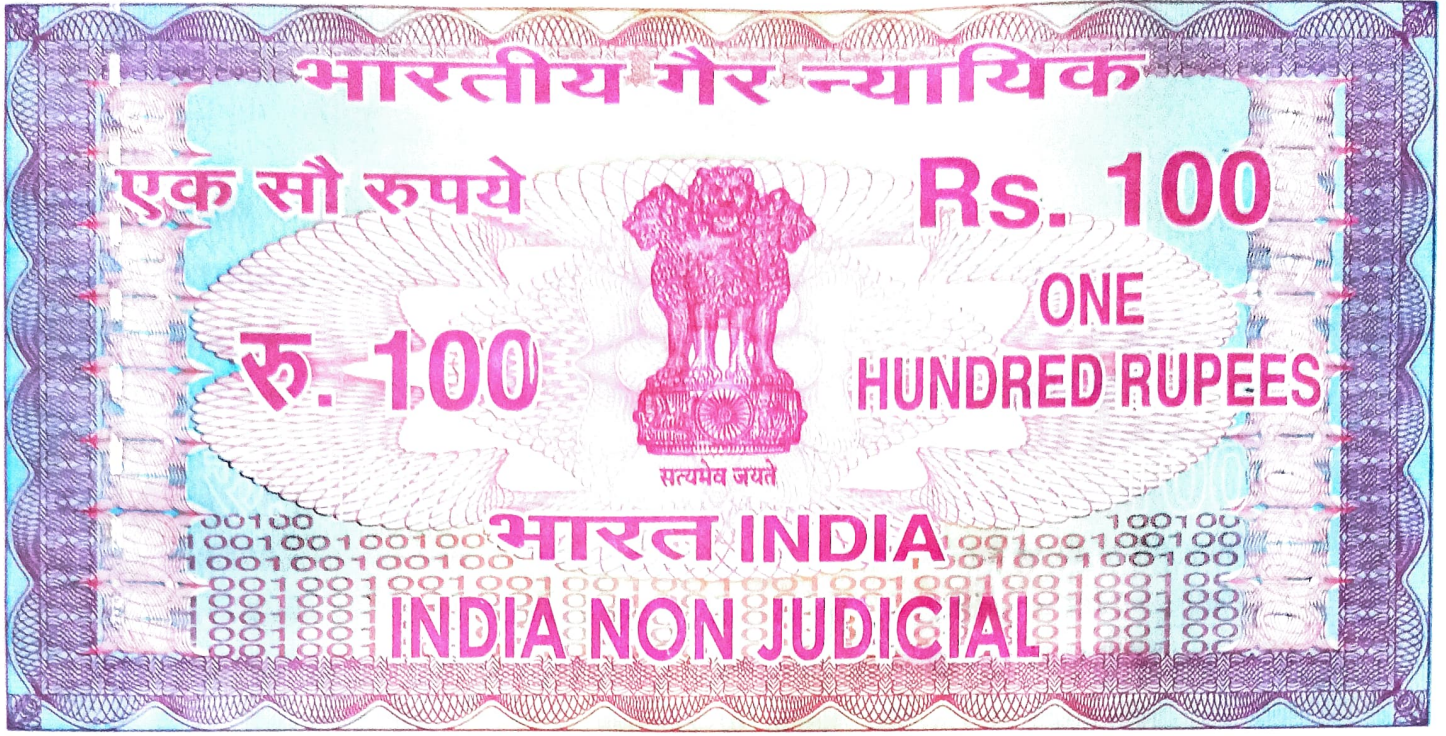




தமிழ்நாடு தமில்நாடு TAMILNADU

CE 286485

தேதி

Sathyabama Institute

of Science and

Technology

Chennai

13.12.2021

najaseharan
M. இராஜசேகரன்.
புத்திரைத்தான் வீற்பகையாளர்,
உரிமம் எண்: 7294/சி1/92-1.
552, காந்தி ரோடு, காஞ்சிபுரம்-1.

MEMORANDUM OF UNDERSTANDING

This **MEMORANDUM OF UNDERSTANDING** (MoU) is made and entered into on this the 15th day of December, 2021 **BETWEEN PERIYAR UNIVERSITY**, Salem - 636 011, Tamil Nadu represented by its Vice Chancellor hereinafter referred to as 'PU' which expression shall where the context so admits, mean and include its successors, representatives and permitted assigns of the First part, AND

CENTRE FOR DRUG DISCOVERY AND DEVELOPMENT, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (A Deemed to be University) situated at Rajiv Gandhi Road, Jeppiaar Nagar, Chennai-600119 represented by its Vice Chancellor herein after referred to as 'SIST-CDDD' which expression shall, where the context so admits, mean and include its successors, representatives and permitted assigns of the other part.

Preamble:

WHEREAS, the PERIYAR UNIVERSITY established in the year 1997 by the Act 45 of Government of Tamil Nadu, is named after a renowned social reformer popularly called as "Thanthai Periyar". The University Grants Commission has granted 21 and 12(B) status during 1998 and 2005. The University is accredited by NAAC with 'A' grade in 2015. "Wisdom Maketh World" is the vision of Periyar University, as enshrined in the logo. There are 28 departments functioning with the research centers all catering to the needs of the students and society across the nation. The University has secured 73rd ranking in NIRF for the year 2021. The University is keen to bridge the gap between the academic, industrial and social activities. The University campus extends to about 100 acres accommodating the administrative and department buildings. Department of Microbiology had been instituted in the year 2008. The department is possessed with well qualified, dedicated and experienced faculty members and fosters research and development activities in major thrust areas in Microbiology. In addition to offering PG in Microbiology, the department is also offering M.Phil and Ph.D. programme to strengthen the academic and research limbs. The course contents have been devised to enable the students to successfully complete in any competitive examination, pursue academic research or become self-employed and entrepreneur. The department is currently running with impressive research project funded by Department of Bio-Technology (DBT), University Grants Commission (UGC), New Delhi and TNSCST. The department is having research collaboration with National Institute of Research in Tuberculosis (ICMR), Chennai and Indian Institute of Technology, Chennai. The main thrust area of research includes Microbial bioactive compounds, Bio-remediation, Enzyme Technology, Medical mycology and Bio-fertilizers. To develop organization capacity, leadership quality and personality development, the department is having Periyar University Microbiology Club (PUMIC) for conducting conferences and Guest Lectures every week.

M.2.2: WHEREAS, SIST-CDDD is hosting Basic and applied research having impact on human health. There are four major divisions in the drug discovery facility. Specific goals of each division are as follows:

- **Bio-prospecting:** Exploring natural resources such as microbes especially actinobacteria and lactic acid bacteria, plants and marine organisms from rare ecosystems for New Chemical Entities (NCEs)
- **Bioactivity:** Screening extracts and purified compounds from selected resources for antimicrobial activities including anti TB and antiviral activities.
- **Medicinal Chemistry:** Purification, characterization and elucidation of the structure and novelty of the active compounds.
- **Proteomics and Genomics:** Exploration of microbial genomes and validation of the findings by proteomic analysis.

Scope of Work and Responsibilities:

Both parties agree to contribute relevant resources and strengths pursuant to its commitment and in furtherance of objectives of this MOU. The two Institutes after considering their objectives and strengths have agreed to have an understanding for collaboration in the following areas of interest:

- Collaborate in exploring novel microbial resources from under studied ecosystems in India
- Discovery of anti TB, antiviral and anti cancer molecules, nanoparticle synthesis using microbial resources (Actinobacteria, bacteria and fungi) for biomedical applications
- Exploring microbial resources for environmental, agricultural and aquacultural applications
- The above areas of research are not restricted but decided mutually based on the necessity and expertise utilization. The research areas will cover the scope and objectives of the parties and the parties can explore the possibilities of research in these areas.
- Write joint research proposals for collaborative research and generating funds to both the institutes;
- Any other professional and scientific collaboration with mutual consent.

Specific terms, conditions and procedural aspects of collaboration including financial obligations of either party shall be finalized on mutual discussion in respect of each specific project under this MoU separately.

A four Member Steering Committee shall be constituted with two members each nominated by PU and SIST-CDDD to identify and co-ordinate the specific areas/activities

under this MoU and finalize the terms and conditions thereof.

Confidentiality and IPR-Protection:

Both parties hereunder agree that, any information disclosed by one party to the other shall be maintained as proprietary confidential information and will be disclosed only to the authorities as required in the relevant statutory regulations and to those persons in the recipient party's organization that has a need to know for purposes authorized by the relevant agreement. All such proprietary confidential information will be kept in confidence and the party receiving the confidential information agrees not to disclose to any other person or persons outside the organization or any unauthorized person or persons except to the organization authorized by either of the parties hereunder on need to know the basis for the execution of the work.

The obligations that are created under this MoU on either party as well as through subsequent relevant agreements on either party shall be duly discharged during the term of the MoU and agreement and after their expiry/termination.

Both parties shall not file any application for seeking intellectual property rights (IPR) in its own name or in the name of its associates or any other person(s) on any matter relating to the information developed under this MoU. However, they can seek intellectual property rights on joint names of the parties as mutually agreed, on case to case basis.

M.4.3. Intellectual property generated during the activities under the MoU shall be shared jointly. The extent of ownership shall be decided mutually depending upon the relative intellectual inputs made by the parties. The expenditure incurred and to be incurred for the maintenance of IPR shall be borne by each party equally or in proportion to the extent of ownership as may be decided by the Steering Committee.

Publication:

Publications, if any, in respect of the activity under this MoU shall be in the names of involved personnel from both the parties. In all publications (papers, reports, etc.,) it will be duly acknowledged that the work has been carried out by PU and SIST-CDDD under this MoU between the parties.

Duration:

This Memorandum of Understanding shall be valid for a period of three years from the date of signing of the same and thereafter can be renewed for further periods subject to such other terms and conditions as may be mutually agreed upon.

Termination:

Notwithstanding clause 6, this MoU may be terminated by either party by giving three months notice in writing to the other party. Either of the parties shall honor within a mutually agreed period, the outstanding commitments, if any, as on the date of termination.

Notices:

All notices and other communications required to be served on PU under the terms of this MoU, shall be considered to be duly served, if the same is delivered at or posted by email or registered mail to the Periyar University at its office in Periyar Palkalai Nagar, Salem 636011. Tamil Nadu. Similarly, any notice to be given to the SIST-CDDD shall be considered as duly served, if the same is delivered at or posted by email or registered mail to the CDDD, Sathyabama Institute of Science and Technology, Jeppiaar Nagar, Chennai-600119.

Arbitration:

9.1 In the event of any dispute or difference between the parties hereto, such differences shall be resolved amicably by mutual consultation. Where, it could not be resolved so, then it shall be referred to arbitration of two Arbitrators, one to be appointed by each party to the dispute and in case of difference of opinion between the said two Arbitrators, then to a third umpire appointed by the said two Arbitrators. The decision of the said Arbitrators or Umpire as the case may be shall be final and binding on both parties. The venue of arbitration shall be at such place as may be fixed by the arbitrators or umpire and the arbitration proceeding shall be as provided under the Arbitration and Conciliation Act, 1996.

Jurisdiction:

All legal disputes shall be subjected to the jurisdiction of the courts in Chennai, State of Tamil Nadu only.

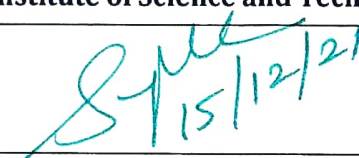
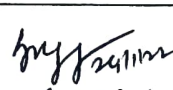
Modification:

No modification to this MoU shall be binding unless made in writing and signed by both parties.

Force Majeure:

Any of the parties hereto shall not be released from its obligations for any reason except for force majeure such as war, strike, fire, acts of God or other causes beyond control of the parties.

IN WITNESS WHEREOF, the parties hereto have signed this, the Memorandum of Understanding on 15th day December, Two Thousand and Twenty one.

<u>For and on behalf of</u> Centre for Drug Discovery and Development (CDDD) Sathyabama Institute of Science and Technology	<u>For and on behalf of</u> Department of Microbiology Periyar University
 15/12/21	 (REGISTRAR i/c)
Dr. T. Sasipraba Vice Chancellor Sathyabama Institute of Science & Technology Rajiv Gandhi Road, Chennai – 600 119, Tamil Nadu, INDIA	for Prof. Dr. R. Jaganathan Vice Chancellor Periyar University Salem – 636 011. Tamil Nadu, INDIA



MRADHAKRISHNAN

Dr. M Radhakrishnan

Scientist E
Centre for Drug Discovery & Development
Sathyabama Institute of Science & Technology
Witnesses (Name & Address)

Dr. R. Balagurunathan


Witnesses (Name & Address)
Dr. R. BALAGURUNATHAN
Professor & Head
Department of Microbiology
Periyar University
Periyar Palasat Nagar
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