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Memorandum of Understanding

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Between

Nirmala College of Pharmacy, Muvattupuzha

And

Center for Research on Molecular and Applied Sciences, Thiruvananthapuram.

This MoU is executed on 15th July 2023 between Center for Research on Molecular and Applied Sciences Pvt Ltd, Thiruvananthapuram, Kerala. Hereinafter referred to as "CRMAS" which expression shall mean and include unless repugnant to context hereof, it's successors-ininterest, administrators and assigns

AND

Nirmala College of Pharmacy, Muvattupuzha Hereinafter referred to as "NCP" which expression shall mean and include unless repugnant to context hereof, it's successors-in-interest, administrators and assigns whereas

NCP, Nirmala College of Pharmacy was started in the year 2004, by the Diocese of Kothamangalam, we are one of the premier institutions offering pharmacy education in Kerala. We have B. Pharm, M.Pharm Pharmaceutics, M.Pharm Pharmacology, M.Pharm Pharmacy practice, and Pharm D programs, under Kerala University of Health Sciences, Thrissur. The

college is accredited by NBA for the B.Pharm course up to 2025.

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"CRMAS" is a Contract research organization in Life science with wide range of R&D activities in Molecular Biology, Biotechnology, Microbiology and Bioinformatics. CRMAS is located at Valiyavila, Thiruvananthapuram, Kerala, India.

1. Sharing of Facilities

- 1.1 Both the organizations agree to share their respective R & D facilities in order to promote academic and research interaction.
- 1.2 There will be provision for mutual sharing of experts from "NCP" and resource persons from CRMAS.

2. Joint R & D Projects

- 2.1 Research projects in the identified areas will be jointly undertaken by"NCP" and "CRMAS" Both the organizations will submit collaborative research projects to various national and international funding agencies. Both the organizations would ensure the successful completion of the funded research projects.
- 2.2 For all the matters concerned a coordination committee overseeing the issues consisting of four members (Two members from KAHE, two members from "CRMAS" with the Chairman on rotation basis) for identifying joint R & D projects to be carried out under this MoU. (Names) The ethical approval of these projects would be granted by Ethics sub committees of NCP and "CRMAS" as registered under law.

3. Technology transfer:

3.1 Both NCP and "CRMAS" agree to share the technology whenever feasible.

4. Joint Seminar/conference/Workshops/Hands on training programmes.

4.1 Both **NCP** and "**CRMAS**" agree to hold/ conduct whenever feasible, joint Conference/Workshop/Hands on training programmes in **NCP**/"**CRMAS**".

5. Industrial visits:

5.1. Both NCP and "CRMAS" agree to organize industrial visits whenever feasible, for the students, staff and delegates and also during the Conference /Workshop/Hands on training programmes.

6. Industrial training:

- 6.1 Both NCP and "CRMAS" agree to train the students, research scholar and staff of KAHE by organizing industrial training programmes whenever feasible related to technology, Analytical development, validation and documentation etc.
- 6.2. "CRMAS" agree to Provide summer internships to students is another area. This helps in motivating the students, understanding industry environment and practices, job profiles, projects they can undertake besides facilitating them to earn some money to be spent usefully in the next academic year / semester.
- 6.3 Charges applicable to conduct the industry activities will be decided jointly by both the parties taking into account the different fixed and variable cost enquired for conducting the activities, compensations/ honorarium, consultancy charges for involved people and charges to be paid to the establishment for permitting the sponsored research etc.
- 6.4 The norms developed concerning the charges will be subjected to revision every year.

7. INTELLECTUAL PROPERTY, CONFIDENTIALITY AND NON-DISCLOSURE

7.1. Both parties recognize, accept and agree that all tangible and intangible information obtained or disclosed to the other party or its staff or employees including all details, documents, patient information an particulars and trade secrets (all of which are hereinafter referred to as confidential and / or proprietary information) of such party which may be communicated to other party, its staff / employees who may be privy under or pursuant to this contract and / or in the course of performance of such party's obligations under this contract shall be treated as absolutely confidential and the other

party agrees and undertakes to ensure that it and all its staff / employees shall keep the same as secret and confidential and shall not disclose the same, at all in whole or in part to any person at any purpose other than as may be necessary for due performance of the party's obligations herein and only for the benefit of the other party.

7.2.Both parties hereby unconditionally agree and undertake to ensure that they or their staff / employees shall not disclose or publish the existence of the terms and conditions of this contract or any information relating to it or other business which they may come across of performing their duties unless such disclosure or publication is strictly required by law or by any authority acting under law.

8. Duration, Amendment and Termination of MoU

8.1 This MoU shall be valid for a period of five years from the date of its signing. During the period of the validity, the MoU can be amended any time by mutual consent of both the parties in writing. The MoU can also be terminated by either party giving the order a written notice of its desire to terminate the MoU by giving three months notice in advance. In the event of such termination both the parties shall cooperate in good spirit for the completion of the ongoing researchers.

9. Dispute Resolution and Governing Law

9.1 The dispute or issue if any arising out of or touching this Agreement if not resolved amicably shall be referred to an arbitration of an arbitrator mutually agreed by the parties. In the event parties fail to agree on single arbitrator then each party shall appoint third arbitrator. The Language of the arbitration shall be in English.

9.2 In witness whereof of the two parties have signed this memorandum of understanding by the hand of, on behalf of KAHE and by the hand of behalf of "CRMAS" on the date, month and year referred to above.

A declowed a Signed by and on behalf of

Nirmala college of Pharmacy, Muvattupuzha

Dr. BADMANABAN. R
PRINCIPAL
Nirmala College of Pharmacy
Muvattupuzha, Ernakulam (Dist.)
Kerala - 686 661

Signed by and on behalf of

CRMAS

Dr. Rajesh Ramachandran

Director

CRMAS

Witness:

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Dr. NITHIN. V

RESEARCH CO-ORDINATOR

CRM KS

TRUANDRUM.