



தமிழ்நாடு தமிழ்நாடு TAMIL NADU

03 JUN 2024

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Sree Balaji Dental College & Hospital,
Velachery Main Road, Narayanaapuram
Pettikaranai, Chennai-600 160.

மு.சம்பத்
முத்திரைத்தாள் விற்பனையாளர்
கவனத்திற்கு,
திருக்கழுக்குன்றம்-603109
R.Dis.No: 11625/89

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into on July 2025 at Sree Balaji Dental College & Hospital, Chennai.

PARTIES INVOLVED:

1. Five Angstrom LLP, Software Developers, Chennai (hereinafter referred to as "Five Angstrom").

OFFICE ADDRESS: Centre for computational informatics research and innovation,
MCC- MRF Innovation park, Madras Christian college, Chennai-600059

Permanent Address: 43 A, Arunagirinathar Street, Tamil Min Nagar, Tiruvannamalai-606601

Represented by: Mr Abraham Rebauro J, Chief Technology Officer (CTO)

[DR. ANITHA BALAJI]

(ABRAHAM REBAURO J)

1. Department of Periodontology, Sree Balaji Dental College & Hospital [BIHER],
Velachery Main Road, Narayanapuram, Pallikaranai, Chennai - 600100
(hereinafter referred to as "SBDCH").

Represented by: Dr. Anitha Balaji, HEAD OF THE DEPARTMENT

PURPOSE:

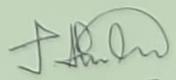
The purpose of this MoU is to formalize the collaborative partnership between Five Angstrom and SBDCH to advance research and development in the fields of molecular biology, oral microbiology, and dental science through the integration of computational techniques and clinical expertise.

SCOPE OF COLLABORATION:

The collaboration shall encompass the following areas:

- Computational Research: Employ machine learning-based methods for molecular docking, molecular dynamics simulations, and in-silico studies on protein folding, protein-protein interactions, and pathogen-host interactions relevant to dental research.
- Clinical Research: Conduct studies on bacterial and viral proteins associated with oral microbiology, dental infections, and periodontal diseases.
- Data Analytics and Drug Design: Provide specialized services in statistical modeling, peptide therapeutics, peptide modeling, and virtual screening to support research initiatives.
- Technological Development: Collaborate on the development of nanocomposite-based drug delivery systems, biosensors for early disease detection, and biomarker discovery tools applicable to dental and oral health research.


[DR. ANITHA BALAJI]


(ABRAHAM REBAUD J.)

RESPONSIBILITIES OF FIVE ANGSTROM:

- Technological Support: Provide expertise in computational modeling, machine learning, and data analytics to support research projects.
- Resource Provision: Offer access to computational resources, software tools, and technical infrastructure necessary for research activities.
- Training and Capacity Building: Conduct workshops and training sessions to enhance the technical skills of SBDC faculty and students in computational research methodologies.

RESPONSIBILITIES OF SBDCH:

- Clinical Expertise: Offer clinical insights and access to patient data (in compliance with ethical standards) to inform computational models and research studies.
- Research Facilitation: Assist in the design, execution, and monitoring of clinical studies, ensuring adherence to ethical guidelines and regulatory requirements.
- Knowledge Exchange: Participate in joint research projects, seminars, and publications to disseminate research findings and advancements.

INTELLECTUAL PROPERTY (IP):

- Ownership: IP generated from collaborative research shall be jointly owned by Five Angstrom and SBDCH.
- Usage Rights: Both parties shall have equal rights to use the IP for non-commercial research and educational purposes. Commercial use shall require mutual consent and a separate agreement outlining terms and conditions.


[DR. ANITA BAWAJI]


(ABRAHAM REBARO J.)

CONFIDENTIALITY:

- **Obligation:** Both parties agree to maintain the confidentiality of proprietary information shared during the collaboration.
- **Exceptions:** Confidentiality obligations shall not apply to information that is publicly available, independently developed, or disclosed with prior written consent.

DURATION AND TERMINATION:

- **Effective Date:** This MoU shall be effective from the date of signing and remain in force for a period of three (3) years, unless terminated earlier by mutual consent.
- **Termination:** Either party may terminate this MoU with a written notice of at least sixty (60) days to the other party.

DISPUTE RESOLUTION:

- **Negotiation:** In the event of a dispute, both parties shall first attempt to resolve the matter through good-faith negotiations.
- **Mediation:** If unresolved, the dispute shall be referred to mediation by a mutually agreed-upon mediator.
- **Jurisdiction:** Any legal action arising from this MoU shall be subject to the jurisdiction of courts in Chennai, India.

GENERAL PROVISIONS:

- **Amendments:** Any amendments to this MoU must be made in writing and signed by authorized representatives of both parties.
- **Non-Binding Nature:** This MoU is non-binding and does not create any financial obligations unless explicitly agreed upon in separate agreements.
- **Force Majeure:** Neither party shall be held liable for delays or failure to perform due to causes beyond their reasonable control, including but not limited to natural disasters, acts of government, or technical failures.



[DR. ANITHA BALAJI]



(ABRAHAM REBAIKOJ)

IN WITNESS WHEREOF, the undersigned representatives, duly authorized, have executed this Memorandum of Understanding on the day and year first above written.

For Five Angstrom LLP:

Name: ABRAHAM REBAIRO J

Designation: CHIEF TECHNOLOGY OFFICER

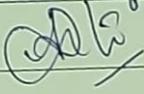
Signature: 

Date: _____

For Sree Balaji Dental College & Hospital:

Name: Dr. Anitha Balaji

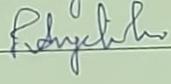
Designation: Head of the Department

Signature: 

Date: _____

IN THE PRESENCE OF THE FOLLOWING WITNESSES:

1. Name: Dr. Angelini Fiona J

Signature: 

Date: _____

2. Name: ROSLIN ELSA VARUGHESE

Signature: 

Date: _____