

# CCMB – Centre for Cellular and Molecular Biology

The Centre for Cellular and Molecular Biology (CCMB) is a premier life sciences research institution in India. It is located in Hyderabad, Telangana, and operates under the umbrella of Council of Scientific and Industrial Research (CSIR). Established in 1977, CCMB has gained recognition for its groundbreaking research in the field of molecular and cellular biology.

## Profile

CCMB is a premier research organization in frontier areas of modern biology. The objectives of the Centre are to conduct high quality basic research and training in the inter-disciplinary areas of biology.

CCMB was set up initially as a semi-autonomous Centre on April 1, 1977 with the Biochemistry Division of the then Regional Research Laboratory (presently, Indian Institute of Chemical Technology, IICT), Hyderabad forming its nucleus and Dr P M Bhargava heading the new Centre.

## Research

The ongoing research programs at the CCMB are in three major categories – high quality basic research in the frontier areas of modern biology, research relevant to societal needs, and application-oriented research towards commercialization. These include the areas of evolution & development, gene regulation in prokaryotes and eukaryotes, host-parasite interactions, membrane biology, protein structure, stem cell biology, neurobiology, bioinformatics, functional genomics, ecology and ecosystems.

The institution focuses on translating biological discoveries into applications in healthcare, agriculture, and environmental science. Its research spans various fields, including genetics and genomics, molecular and structural biology, cell and developmental biology, biotechnology, and wildlife conservation biology. Among its significant achievements is the development of DNA fingerprinting technology in India, which has been instrumental in forensic science, wildlife conservation, and paternity testing.



## Contact Address

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