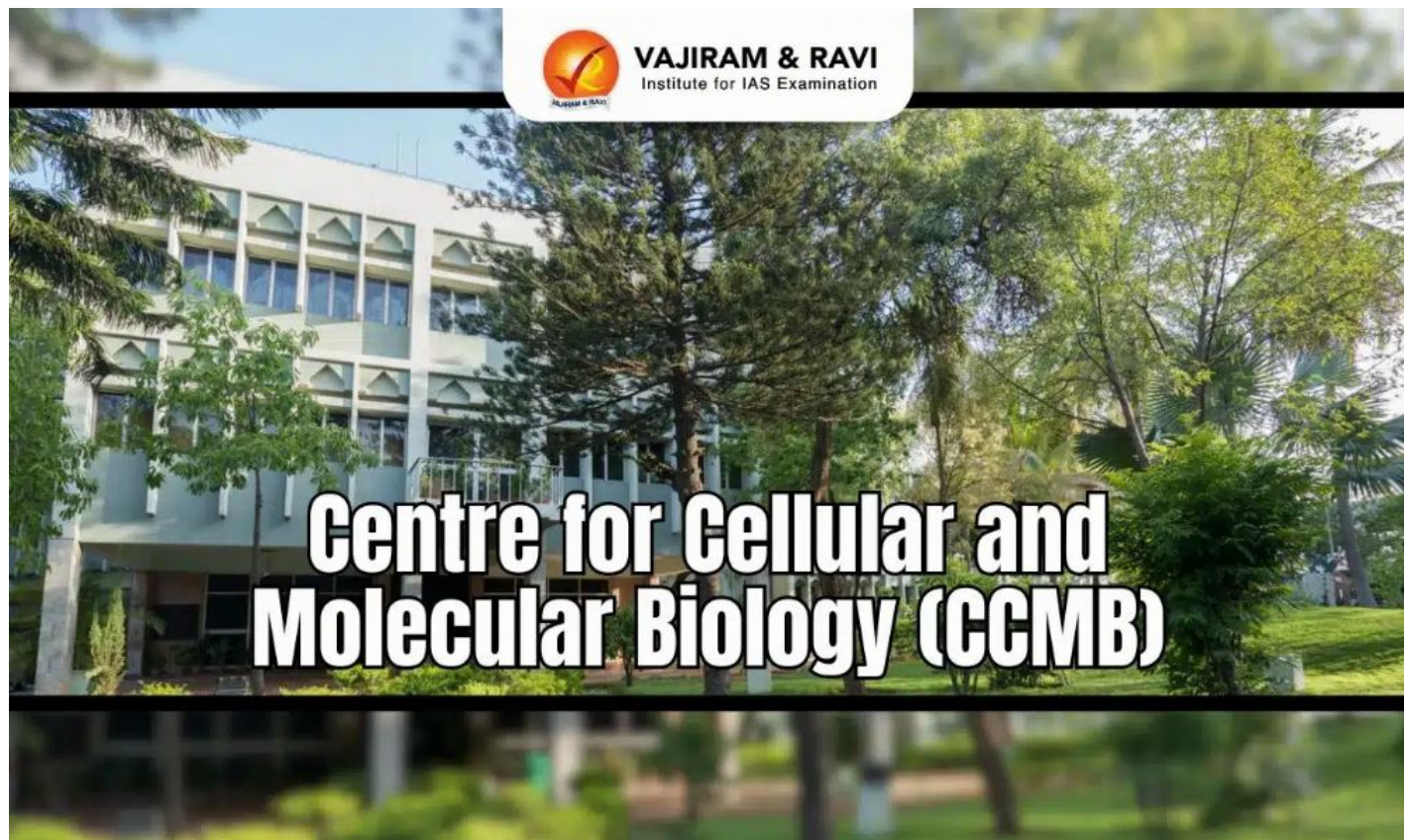


Centre for Cellular and Molecular Biology (CCMB)

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Centre for Cellular and Molecular Biology Latest News

Scientists at CSIR-Centre for Cellular and Molecular Biology (CCMB) recently discovered how white blood cells can adapt their internal skeletons to combat pathogens.

About Centre for Cellular and Molecular Biology

- It is India's **premier research organization** in frontier areas of **modern biology**.
- The **objectives** of the Centre are to conduct **high-quality basic research and training in frontier areas of modern biology**, and **promote centralized national facilities** for new and modern techniques in the interdisciplinary areas of biology.
- **Located in Hyderabad**, Telangana, CCMB is a **constituent laboratory of the Council of Scientific and Industrial Research (CSIR)**, a renowned national organization under the Ministry of Science and Technology, Government of India.
- **Established in 1977**, CCMB has emerged as a **global leader in cellular and molecular research** and is known for its contributions to understanding the molecular mechanisms that govern biological systems.

- CCMB's work **spans various disciplines of biology**, including **genetics, biotechnology, bioinformatics, immunology, and molecular medicine**.
- The institution is well-regarded for its **cutting-edge research in molecular biology, genomics, proteomics, and cellular mechanisms**.
- The centre's **research is both fundamental and translational, focusing on problems** that have wide-ranging **implications for medicine, disease management, agricultural improvement, and environmental sustainability**.
- CCMB **has state-of-the-art facilities** for research, including a **high-throughput genomics facility and a bioinformatics centre**.
- The institute also **offers training programs and workshops** for students and researchers and collaborates with national and international institutions.
- CCMB is a **designated "Center of Excellence" by the Global Molecular and Cell Biology Network, UNESCO**.

Source: NIE

Source: <https://vajiramandravi.com/current-affairs/centre-for-cellular-and-molecular-biology-ccmb/>

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