

NCCS Scientist in World Federation for Culture Collections Executive Board

New Delhi, Feb 04: Microorganisms like algae, bacteria, fungi, protozoa and viruses, as well as the genomes and other DNA molecules from these microbes, are stored in several microbial repositories called 'culture collections' across the globe. These microbial banks are involved in the collection, authentication, maintenance and distribution of microorganisms, and serve as invaluable resources to study diverse aspects of microbes and their ecology.

The World Federation for Culture Collections (WFCC) is a key international organization that promotes and supports the establishment of such repositories and related services, and works towards ensuring the long-term perpetuation of these repositories. It serves to provide a network between the microbial repositories and their users, and is also involved in organising workshops and conferences, publications and newsletters. It is a Multidisciplinary Commission of the International Union of Biological Sciences (IUBS) and a Federation within the International Union of Microbiological Societies (IUMS).

Dr. Yogesh Shouche, Scientist Emeritus at the National Centre for Cell Science (DBT-NCCS) in Pune, was recently nominated as an opted member of the WFCC Executive Board. This honour was bestowed upon him given his extensive experience and expertise in this field. He heads the world's largest individual microbial culture collection at the DBT-NCCS, called the National Centre for Microbial Resources (NCMR). He and his research group at DBT-NCCS have, among other things, been responsible for the discovery of several new microbes, which have resulted in around 50 research publications in the International Journal of Systematic and Evolutionary Microbiology (IJSEM).

His research in microbiology spans around three decades, and encompasses diverse areas, including microbial taxonomy, microbial ecology, and the human microbiome in health and disease. In recognition of his vast research expertise, he was also elected to the Executive Board of the International Committee on Systematics of Prokaryotes (ICSP) that took charge in September 2020, where he is the only scientist from India.

Links related to this story -

* **Twitter:** @DBT_NCCS_Pune
https://twitter.com/DBT_NCCS_Pune/status/1349655608241254403

* **Facebook:** DBT - National Centre for Cell Science
https://www.facebook.com/permalink.php?story_fbid=3767803536612110&id=509782325747597¬if_id=1610617940013753¬if_t=page_post_reaction&ref=notif

Contact Person & Contact Details:

Dr. Yogesh Shouche (Scientist Emeritus at DBT-NCCS): yogesh@nccs.res.in

Communication coordinator: Jyoti Rao (jyoti@nccs.res.in)