

## Scientific Speed Dating: CV form for mentors

**First & Last name:** ANURADHA CHOWDHARY

**Affiliation:** Director Professor, Medical Mycology Unit, Department of Microbiology, Vallabhbhai Patel Chest Institute, University of Delhi, India

**National Reference Laboratory for Antimicrobial Resistance in Fungal Pathogens,** Medical Mycology Unit, Department of Microbiology, Vallabhbhai Patel Chest Institute, University of Delhi, Delhi, India

**Career in brief (please specify only the principal steps):**

Dr Chowdhary is Director Professor, Medical Mycology & In charge of National Reference Laboratory of Antimicrobial Resistance in Fungal Pathogens, Department of Microbiology at the Vallabhbhai Patel Chest Institute, University of Delhi, India. She received her medical degree and MD (Microbiology) degree from University of Delhi, India and PhD, from Faculty of Medical Sciences, Radboud University Medical Center, Netherlands and had a post-doctoral fellowship from Mycotic Disease Branch, Centres for Disease Control, Atlanta, USA.

**Main field of expertise (max 3 topics of interest):**

Medical Mycology, Dr Chowdhary's research interests include molecular ecology and population genetics of pathogenic fungi, antifungal drug resistance mechanisms, especially *Candida* and rare yeasts, *Trichophyton indotineae*, *Aspergillus* spp, and the epidemiology of systemic mycoses. Prof. Chowdhary's laboratory is the first one to report the marine environment as a natural niche for *Candida auris*. This discovery has been highlighted as a significant breakthrough in understanding *C. auris* cycle outside the human host that will help in understanding the transmission of this yeast.

**Personal statements about myself:**

Dr Chowdhary's work integrates clinical diagnosis with environmental and patient-based investigations, emphasizing a One Health approach to emerging fungal infections and antifungal resistance.