

Dr.Ch. Mohan Rao, TWAS FNA.,FASc.,FNASc.,FAPSc.,
Centre for Cellular and Molecular Biology
Hyderabad, 500007, India

Research Interests: Molecular Biology and Biophysics. Protein folding, molecular chaperones and heat shock proteins in health and disease. DNA based diagnostics. Nanobiology.

Positions:

2009 – Present: Director, Centre for Cellular and Molecular Biology, Hyderabad
1984-2009: Scientist C, EI, EII, F and G, Centre for Cellular and Molecular Biology, Hyderabad
2002: Visiting Professor, Institute for Protein Research, Osaka University, Osaka, Japan
2001: Visiting Scientist, University of Texas Medical Branch, Galveston, USA
1996: Visiting Professor, Science University of Tokyo, Noda, Tokyo, Japan
1990-1992: Visiting Associate, National Eye Institute, NIH, Bethesda, MD, USA

Honors & Other Recognition:

Doctor of Science (Honoris Causa), Kakatiya University (2014); Shanti Swarup Bhatnagar award (1999); Ranbaxy Award for Basic Medical Sciences (2000); J C Bose National Fellowship, Dept. of Science & Technology, Govt. of India (2011); Bires Chandra Guha Memorial Lecture Award (2014); Sreenivasaya Memorial Award 1996, The Society of Biological Chemists (India); Rohto Award, First Asian Cataract Research Conference, Sep. 1996, China; Young Scientist Award of the Indian Association for Radiation Protection, 1990; Young Scientist Award of the Andhra Pradesh Akademi of Sciences, 1982; President, Indian Biophysical Society (2009-2011); President, A P Akademi of Sciences, Hyderabad (2012-15); Honorary President, Jana Vigyana Vedika, a science for the people movement; Vice-President, Society of Biological Chemists (India) (2013-2015); Vice-President, Asian Biophysics Association (2009-2010); Member, Council, Federation of Asian and Oceanian Biochemists and Molecular Biologists, (current HqTaiwan); Member, Executive Council, Indian National Science Academy (2009-2012); Member, National Committee of IUPAB, 2012-2016; Elected as Fellow of Indian National Science Academy (2000); Elected as Fellow of National Academy of Sciences, India (1999); Elected as Fellow of Indian Academy of Sciences (1999); Fellow, Third World Academy of Sciences (2009); Section Editor, BBA-Proteins and Proteomics; JSPS Invitation Fellowship (2004); Elected as Fellow of A.P. Akademi of Sciences (2002); Visiting Professor, Institute for Protein Research, Osaka University, Japan (2002); Raman Fellow (2001); Elected as Member of Guha Research Conference (1998); Visiting Professor, Tokyo Science University, Japan (1996); C.C.R.G Travel Award, 1991, Hawaii, USA; Outstanding Young Person Award of Secunderabad Jaycees, 1986; Member of Editorial Board of a few journals in India and abroad.

Publications: Science, JBC, JMB, Biochemistry, Biochemical J, J Phys.Chem, Canadian J of Physics, Photochemistry & Photobiology etc. H factor (Google Scholar) 33

A few other activities: 1. President, Indian Biophysical Society, 2009-11; 2. Chairman, Assessment Board (Biological Sciences), RAC, DRDO, N.Delhi, 2008-09, 2014-15; 3. Chairman, Steering committee, “A Syndromic Approach to Diagnosis of Infections: DNA macro chips for Acute Encephalitic Syndrome, Specticaemia and Antibiotic Resistance”; 4. Member, Steering Committee, Asia Pacific Protein Association, Osaka, Japan; 5. Member, Council, Indian National Science Academy, N.Delhi (2010-12); 6. Member, Screening & Evaluation Committee, National Awards for R&D efforts in Industry, DSIR, GOI; 7. Member, Expert Committee, Indo-US Centres of Excellence in Science and Technology, Indo-US Science & Technology Forum, N.Delhi; 8. Member, International Advisory Committee, Pacific-RIM International Conference on Protein Science, Japan; 9. Member, Task Force; “Biotechnology Processes and Products”, DBT; 10. PAC “Biophysics, Molecular Biology and Biochemistry DST; 11. Expert Advisory Committee, “Biomedical Electronics, Molecular Electronics/Conducting Polymer Electronics, Non-invasive and other Biosensors” DST; 12. Governing Body, Hyderabad Eye Research Foundation, L V Prasad Eye Institute; 13. Member of Research Councils of IICB, IMTECH, IIIM, IGIB, CDFD, LVPEI; 7. 14. Honorary President, Jana Vigyana Vedika (Andhra Pradesh); 15. Member, Governing Council, Indian Association for the Cultivation of Science (IACS), Kolkata (2013-2016)