



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

講者簡介 Speaker Profile

饒子和院士，清華大學/南開大學教授，中國科學院學部主席團成員，全國政協常委，南開大學前校長，中國科學院生物物理研究所原所長，國際生物物理聯盟(IUPAB)前主席。

饒院士主要從事新發、再發傳染病病原體的結構與功能研究，以及創新藥物的研發。在 SARS 冠狀病毒、禽流感病毒、甲肝病毒顆粒結構、疱疹病毒、非洲豬瘟病毒等病毒感染、複製和組裝，以及結核分枝杆菌能量和代謝物運輸、耐藥性和細胞壁合成的結構功能研究中均作出了突出的貢獻。迄今為止，饒院士已在國際科學期刊上發表同行評審論文 360 篇，被引用逾 16,000 次。

Academician Zihe RAO is Professor of Tsinghua University/Nankai University, Member of the Presidium of the Chinese Academy of Sciences, Member of the Standing Committee of the National Committee of the Chinese People's Political Consultative Conference, Former President of Nankai University and Former Director-General of the Institute of Biophysics, CAS, Former Chairman of the International Biophysical Union (IUPAB).

Academician Rao is a renowned structural biologist whose research focus is on the study of pathogenic infectious agents. His work has provided ground-breaking insights into viral infection, replication and assembly, and into energy and metabolite transport, drug resistance and cell wall synthesis in Mycobacteria tuberculosis. His most recent work on Africa Swine Fever Virus, picornaviruses, herpesvirus, Mycobacteria tuberculosis provided much-needed structural data for the design and development of new anti-viral and anti-TB drugs. To date, Academician Rao has published 360 peer-reviewed papers in international scientific journals with over 16,000 citations.