

朱健康 講座教授

澳門科技大學副校監、校長
美國科學院院士

朱健康講座教授於 1993 年獲得美國普渡大學植物生理學博士學位。他 1994 年加入美國奧本大學植物與微生物學系，1996 年受聘美國亞利桑那大學植物科學系任教，並於 2000 年晉升為教授。2004 年出任加州大學河濱分校整合基因組學研究所所長，校長講座教授和 Jane Johnson 講座教授。2009 年擔任沙特阿卜杜拉國王科技大學（KAUST）植物逆境基因組研究中心主任。2010 年當選美國科學院院士，同年被普渡大學生物化學系與園藝及園林系聘為傑出教授。2011 年出任中國科學院上海植物逆境生物學研究中心主任及首席科學家，其後於 2022 年起全職加入南方科技大學，任醫學院講席教授，前沿生物技術研究院院長，農業農村部基因編輯創新利用重點實驗室（海南）實驗室主任，中國農業科學院學術委員會副主任，深圳細胞與基因產業聯盟理事長。

朱健康講座教授的學術貢獻卓著，主要從事新型基因編輯技術的開發和應用（生物育種、細胞與基因治療）、表觀遺傳學（DNA 甲基化和去甲基化）、植物逆境生物學（植物抵禦乾旱、鹽鹼、低溫等環境脅迫的分子機理）和新型生物刺激劑開發等方面的研究，是這些領域的領軍科學家。他是 Stress Biology、The Innovation Life、Oral Science and Homeostatic Medicine 共同主編，National Science Review、Journal of Integrative Plant Biology 編委會編委，The Innovation、Research、Molecular Plant、Plant Communication、Horticulture Research 編委顧問組成員。在國際頂級期刊上發表了一系列奠基性論文，總被引用次數 18.6 萬餘次，h 指數 204，連續多年入選全球「高被引科學家」名單，是世界自然科學領域發表文章引用率最高的科學家之一。2024 年 Elsevier 發佈的「全球頂尖科學家排名」中，世界全學科年度影響力排名第 46，生物學領域排名第 1。

Chair Professor Jian-Kang Zhu

Vice Chancellor and President

Member of the US National Academy of Sciences

President Chair Professor Jian-Kang Zhu is a world-renowned molecular geneticist and plant biologist, as well as a member of the US National Academy of Sciences. In the 2024 “World’s Top Scientists Ranking” released by Elsevier, he ranked first globally in the field of life sciences, fully demonstrating his exceptional academic accomplishments and worldwide influence.

Chair Professor Jian-Kang Zhu earned his Ph.D. in plant physiology from Purdue University in the United States in 1993. He joined the Department of Plant and Microbial Biology at Auburn University in 1994 and was appointed to the Department of Plant Sciences at the University of Arizona in 1996, where he was promoted to professor in 2000. In 2004, he became the Director of the Institute for Integrative Genome Biology at the University of California, Riverside, and was appointed the Presidential Chair Professor and subsequently Jane Johnson Chair Professor. In 2009, he served as the Director of the Plant Stress Genomics Research Center at King Abdullah University of Science and Technology (KAUST) in Saudi Arabia. In 2010, he was elected to the US National Academy of Sciences. That same year, he was appointed Distinguished Professor in the Department of Biochemistry and the Department of Horticulture and Landscape Architecture at Purdue University. In 2011, he became the founding Director and Chief Scientist of the Shanghai Center for Plant Stress Biology Research, Chinese Academy of Sciences. Since 2022, he has been working full-time at Southern University of Science and Technology (SUSTech) as a Chair Professor in the School of Medicine, founding Director of the Institute of Advanced Biotechnology, Director of the Key Laboratory of Gene Editing Innovation (Hainan) under the Ministry of Agriculture and Rural Affairs, Vice Chair of the Academic Committee of the Chinese Academy of Agricultural Sciences, and

Chairman of the Shenzhen Cell and Gene Industry Alliance.

Chair Professor Jian-Kang Zhu has made outstanding academic contributions, primarily focusing on the development and application of novel gene editing technologies (plant and animal breeding, cell and gene therapy), epigenetics (DNA methylation and demethylation), plant stress biology (molecular mechanisms of plant resistance to environmental stresses such as drought, salinity, and low temperature), and the development of novel biostimulants. He has been a leading scientist in these fields. He serves as the co-editor-in-chief of *Stress Biology*, *The Innovation Life*, and *Oral Science and Homeostatic Medicine*, and as an editorial board member for *National Science Review* and *Journal of Integrative Plant Biology*. He is also a member of the editorial advisory board for *The Innovation*, *Research*, *Molecular Plant*, *Plant Communication*, and *Horticulture Research*. He has published a series of foundational papers in top international journals, with over 186,000 total citations and an h-index of 204. He has been consistently included in the list of “Highly Cited Scientists” globally and is one of the most highly cited scientists in the natural sciences worldwide. In the 2024 “World's Top Scientists Ranking” released by Elsevier, he ranked 46th globally in the overall annual influence across all disciplines and first in the field of biological sciences.