PMAC PRINCE MAHIDOL AWARD CONFERENCE 2024

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HARNESSING TECHNOLOGIES IN AN AGE OF AI TO BUILD A HEALTHIER WORLD

| BACKGROUND

Rapid technological advancements, including those involving Artificial Intelligence (AI), are deemed essential tools for creating a healthier, more equitable, and peaceful world. Inventive use of technologies to achieve the Sustainable Development Goals (SDGs) by 2030 has demonstrated significant benefits, for example by contributing to global environmental sustainability and biodiversity preservation. However, it is also crucial to consider the potential risks associated with these innovations, such as security threats, misinformation, disinformation, inequitable access, and privacy invasion.

The PMAC 2025 emphasizes leveraging these technological advancements to ensure equitable, affordable, and comprehensive access for all populations, especially in low- and middle-income countries and for resource-constrained individuals in high-income countries.

| OBJECTIVES

To set the scence of the PMAC 2025 in highlighting the importance of synergizing technologies to strengthen health systems, achieve the SDGs, and foster a healthy planet. Key issues such as climate change, conflict, and emerging diseases will be addressed



Panelist / Keynote

Wang Jian

Co-founder and Chairman

BGI Group
China

Wang Jian, Co-founder and Chairman of BGI Group, graduated from Hunan Hospital (now Xiangya School of Medicine, Central South University) in 1979, and received his master's degree in integrated Chinese and Western medicine from Beijing College of Traditional Chinese Medicine (now Beijing University of Traditional Chinese Medicine) in 1986. From 1988 to 1994, Mr. Wang has conducted postdoctoral research at Texas University, the University of Iowa and the University of Washington. In 1991, Mr. Wang started the Seattle Chinese Biomedical Association, and established BGI Biotechnology (Beijing) Co., Ltd. when he returned to China in 1994. Since the initiation of the Human Genome Project, Mr. Wang has proactively facilitated the participation of China in this historic research. In 1999, he founded BGI with the other three scientists in order to complete the research task of the Human Genome Project appointed to China. From 2003 to 2007, he served as deputy director of the Institute of Genomics of the Chinese Academy of Sciences. In 2007, Mr. Wang and his team relocated the headquarter of BGI in Shenzhen and continued to promote the development of the related college, research institutes and industry.