Cover Story

Editor's note:

The cover story of this issue of NMT Newsletter is from the article titled "Science and Technology" or "Technology"? Are we wrong. In this article, Professor Xu reflected on history, culture and education, and drew the conclusion that our Chinese people do not pay enough attention to 'technology' at present, and pointed out that although we are still weak in 'technology', every time we encounter a national crisis, it can stimulate our Chinese people's innovation ability and accelerate the improvement of our self-correction and self-innovation ability. I believe that in the near future, we Chinese people can not only achieve 'technological' innovation, but also step by step to the forefront of world scientific and technological innovation!

About the author:

Yue Xu , inventor of Non-invasive Micro-test Technology, founder of living functional genomics, practitioner of scientific and technological achievements transformation, advocate of international scientific cooperation, former senior researcher of NASA, president of Younger USA, LLC, chairman and CEO of Xuyue (Beijing) Technology Co., Ltd., chairman of Zhongguancun Xuyue Non-invasive Micro-test Technology Industry Alliance, and initiator and chairman of International NMT Alliance.

Younger USA, LLC was founded in 2001. In 2004, inspired by the older generation of scientists, such as the tutor of the Chinese Academy of Sciences, Kuang Tingyun, Academician Yang Fuyu and Professor Lin Kechun of Peking University, he resigned from the position of senior researcher of NASA in 2005 and returned to China to establish Xuyue (Beijing) Technology Co., Ltd., introducing the concept of oscillation electrode of American MBL scientist Lionel Jaffe into China, Under the guidance of the policy of "introduction, digestion, absorption and re-innovation" of the government's science and technology department and the support of the initial funds for entrepreneurship, led the Xuyue team, together with more than 2000 scientific researchers nationwide, through more than 20 years of unremitting efforts and concentrated research from 2001 to 2022, to forge the non-damage micro-measurement technology (NMT) and its series of application equipment with Chinese independent intellectual property rights.

In the process of completing the commercialization and industrialization of NMT in the field of scientific research,

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it helped domestic and foreign scholars to successfully apply NMT to 146 core articles in Chinese, 502 SCI articles, including 19 articles in top journals, such as CELL, NATURE, SCIENCE, etc., with a total impact factor of 2123. NMT scientific research equipment was exported to the University of Zurich in Switzerland, Europe, in 2020, completing the leap from technology to lead. In the past ten years, the transformation process of NMT's achievements in medical, health, environment, food, epidemic prevention, new materials, new energy, modern agriculture and other fields of people's livelihood has been gradually started, and gratifying progress has been made. Therefore, in June 2021, it passed the international leading level review of the institutions recognized by the Ministry of Science and Technology, and on this basis, it launched the establishment of the "International NMT Alliance" in 2022, Build the Chinese NMT team into a Non-invasive Micro-test Technology innovation force with international influence.