

Deals signed for 25 biopharma projects

Li Huacheng and Ye Fengting

A FORUM on high-end medical industry innovation and a conference on biopharma development were held on October 16 at the Shanghai MedValley in Jiading District.

During the event, the Jiading District Biopharma Industry Innovation Alliance, Ruijin Hospital's Shanghai Institute of Traumatology and Orthopaedics, and the Shanghai Key Laboratory for Prevention and Treatment of Bone and Joint Disease with Integrated Chinese-Western Medicine were launched.

According to Zheng Hong,

director of the Ministry of Industry and Information Technology's International Economic and Technological Cooperation Center, China's medical equipment enterprises above the designated size generated more than 500 billion yuan (US\$69.09 billion) in revenue in 2023, marking 10 consecutive years of rapid growth. United Imaging and Mindray are among the world's top 100 medical equipment companies.

Agreements were inked on 25 biopharma industry projects, totaling more than 2 billion yuan in investments. Furthermore, three biopharma-related funds joined

forces with Jiading-based businesses to promote the expansion of the local biopharma industry.

According to industry analysts, the biopharma sector requires long research and development cycles and significant expenses, whereas a development model that combines capital and innovation might attract businesses by effectively relieving financial burdens during the early stages of projects.

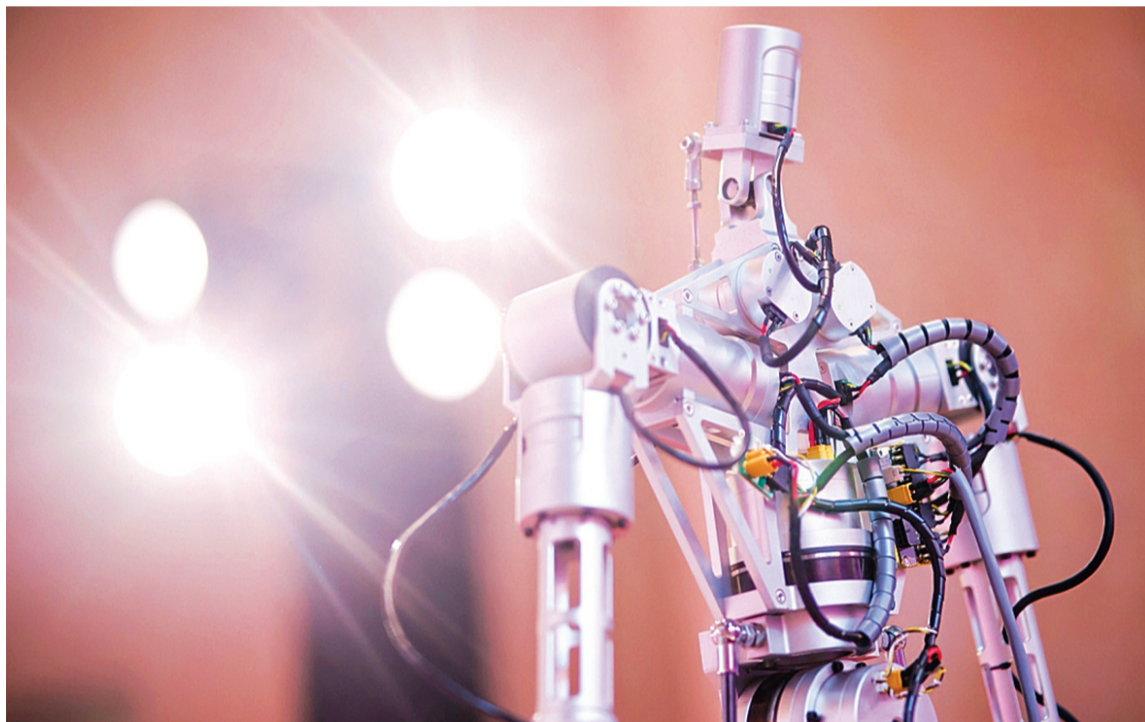
The district's biopharma sector achieved a total output of 28.54 billion yuan in 2023, and 20.13 billion yuan from January to August this year, according to an annual

development report on Jiading's biopharma industry.

Jiading is now home to 1,500 biopharma enterprises engaged in production, research and services.

Meanwhile, the Jiading Biopharma Shared Laboratory Platform was launched on the same day to advance the clustering and collaborative development of the biopharma industry.

As one of the four key functional platforms in the Shanghai MedValley Innovative Medical Device Industrial Park, it is expected to promote resource sharing, enhance experimental efficiency and drive the industry's high-quality development.



Intelligent manufacturing and robotics are key drivers in transforming and upgrading the global manufacturing sector. — Jin Yukai

Nanxiang conference spotlights smart manufacturing, robotics

Jin Yukai and Ye Fengting

THE 2024 International Intelligent Manufacturing and Robotics Industry Development Conference was held recently in Nanxiang Town.

The event brought together industry experts, scholars and business representatives from around the world to discuss cutting-edge technologies, development trends, opportunities and challenges in intelligent manufacturing and robotics.

Several enterprises signed cooperation agreements at the event. Shanghai University and the Shanghai Construction Group Investment Co Ltd agreed to collaborate on

industry-academia-research projects focused on various smart robots, such as construction robots and intelligent explosion-proof inspection robots.

During a presentation session, participants discussed the latest technological advancements and future applications of all-terrain robots, humanoid robots, pipeline robots and construction robots. These robots demonstrated significant potential in complex environment operations, human-computer interaction and intelligent decision-making.

The conference also marked the launch of the Intelligent Manufacturing + Humanoid

Robotics Innovation Cooperation Alliance, designed to promote collaborative research in the field. Intelligent manufacturing and robotics are key drivers for the transformation and upgrading of the global manufacturing sector. With the rapid development of artificial intelligence, big data and the Internet of Things, the industry is poised for unprecedented growth opportunities.

Nanxiang Town, which hosted the conference, has seen remarkable advancements in the intelligent manufacturing sector over recent years, with the total industry output reaching 8 billion yuan (US\$1.1 billion).

Exploring the art and heritage of Qiuxiapu Garden

Yang Yujie and Ye Fengting

QIUXIAPU Garden, the oldest and best-preserved among Shanghai's five classical gardens, is a fine example of Ming Dynasty (1368-1644) gardens.

The ongoing exhibition "Treasure of Ming Gardens: Qiuxiapu Garden," held at the Jiading Museum through December 18, highlights the garden's history, architectural aesthetics, cultural relics and ties to Jiading's heritage.

Through historical documents, stone carvings, calligraphy, paintings and archival images, visitors gain insight into the garden's history and significance.

Qiuxiapu Garden is not only a treasure of garden art but also a refined meeting place of the literati. Among the exhibits, the "Nine Elders of Jiading" painting stands out, which depicts Zhao Mengsu (1868-1938) and other elders meeting in the garden in 1936.

"Zhao Mengsu, a renowned figure in Jiading's art history, excelled in calligraphy, painting, seal carving and bamboo engraving," said a museum docent. "Many inscriptions in Qiuxiapu Garden were created by him."

The architecture of Qiuxiapu Garden is enhanced by the presence of plaques and couplets.

The exhibition showcases a couplet by Gu Zhenle (1915-2021), a calligrapher and painter from Jiading. His work demonstrates his remarkable calligraphic skill and reflects his passion for the garden's landscape.

The Jiading Museum provides various activities to enhance the experience of visitors. They can learn about the garden's history and culture from the exhibition and immerse themselves in the Jiangnan-style garden.



The "Nine Elders of Jiading" depicts a gathering of literati in Qiuxiapu Garden on the Double Ninth Festival in 1936.