

'Red Sun-Jiangnan University Joint Innovation Research Center' to explore synthetic biology and green agrochemicals

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Chinese company Nanjing Red Sun Co., Ltd. and Jiangnan University officially signed the Joint Innovation Research Center agreement on July 26 at Jiangnan University's Lihu campus. A member of the Party Committee and Vice President of Jiangnan University, Gu Zhengbiao, attended the signing ceremony along with Yang Yi, Party Secretary and Chairman of Nanjing Red Sun Co., Ltd.

The Red Sun Central Research Institute and Jiangnan University Institute of Science and Technology signed a cooperation agreement at the event, according to Dong Weifu, President of Jiangnan University Institute of Science and Technology. A joint innovation research center involving Red Sun and Jiangnan University was unveiled by Gu Zhengbiao and Yang Yi.

In his presentation, Gu Zhengbiao covered the university's history, organizational structure, scientific research, talent development, social services, and collaborative development. The university has consistently prioritized the "Healthy China" strategy, leveraging its "Double First-Class" disciplines to achieve significant progress in areas such as synthetic biology, specialty foods, and light industry technology. Establishing this joint innovation research center will promote collaboration between the two parties, accelerate the application of scientific and technological achievements, and contribute to the development of the national and regional economies.

Based on national missions, the two parties will deeply integrate Jiangnan University's strong multidisciplinary basic research strengths with Red Sun's extensive industrialization experience and global market network resources. This will effectively

accelerate the innovative application of biotechnology in the agrochemical field and the expansion of the industrial chain, jointly setting a new benchmark for industry-university integration.

By collaborating, both parties will closely align with the national innovation-driven development strategy, focusing on synthetic biology, green chemistry, and new materials. The two companies will collaborate on breakthroughs in technology and accelerate the application of these findings. The center will initially establish a "Green Pesticide Joint Innovation Laboratory" and a "Synthetic Biology Joint Innovation Laboratory."

A complete transformation system from laboratory testing to pilot scale-up to industrialization will also be developed through collaboration on a pilot incubation base. This will inject strong momentum into accelerating the achievement of high-level scientific and technological self-reliance and the development of new-quality productivity.