

Introduction of the Bio-pharmaceutical Industry in Suzhou City

1. Leading Nationally in Industry Scale

The bio-pharmaceutical industry is one of Suzhou's eight strategic rising industries. In recent years, Suzhou has provided comprehensive support in terms of talent aggregation, innovation platforms, and financial aid. The main business revenue of pharmaceutical manufacturing enterprises above designated size is only behind cities like Beijing and Shanghai, ranking fifth nationwide, and has grown into a leading bio-pharmaceutical industry cluster in China.

2. Broad Industry Layout with Distinctive Features

The industry layout in Suzhou is comprehensive, covering various sectors of pharmaceutical manufacturing like bio-medicine, chemical medicine, traditional Chinese medicine, pharmaceutical equipment, and third-party services. The medical device sector includes categories such as medical

imaging, in vitro diagnostics, rehabilitation equipment, interventional devices, and medical materials, creating a complete industry chain from raw materials and core components to complete devices and reagents. Suzhou has distinctive advantages in several fields, including antibody drugs with innovative companies vertically integrating R&D and production like Innovent and Alkermes Oncology; small nucleic acid medicines centered around the Kunshan Small Nucleic Acid and Biopharmaceutical Industrial Park, with key global enterprises like Suzhou Ribo Life Science Co., Ltd. (Ribo) and PengekiPhen; Orthopedic equipment has formed an industrial cluster dominated by domestic enterprises such as Suzhou Kangli Orthopedics Instrument CO., Ltd. and Suzhou Jimeirui Medical Equipment Co., Ltd.

3. Comprehensive Innovation System

After years of development, Suzhou has built a comprehensive innovation system integrating "talents, institutions and platforms". In terms of scientific and research institute, Suzhou has introduced a batch of top institutes in China, including Suzhou Institute of Biomedical Engineering and Technology,

Chinese Academy of Sciences, Shanghai Institute of Materia Medica, Chinese Academy of Sciences, etc. In terms of innovation platform, Suzhou has built a public innovation platform through three modes: state-owned investment with state-owned capital operation, state-owned investment with private operation, and private investment plus government subsidies. It plans to build the basic detection service platform, relying on the universities and R&D institutes such as Suzhou Institute of Biomedical Engineering and Technology, Suzhou Institute of Nano-Tech and Nano-Bionics (SINANO), Chinese Academy of Sciences, etc.; it also plans to build platforms of chemical analysis and CMO service, relying on the service enterprises such as Biotop and Suzhou Yaoming Biotechnology Co., Ltd. and independently build stem cell platform and medical laboratory, striving to build the country's first center of technology innovation for pharmaceuticals with the main body of Suzhou biomedical industry Innovation Center.