

THT

天津滨海高新区
国家自主创新示范区

TIANJIN BINHAI HIGH-TECH INDUSTRIAL DEVELOPMENT AREA

National Innovation Demonstration Area



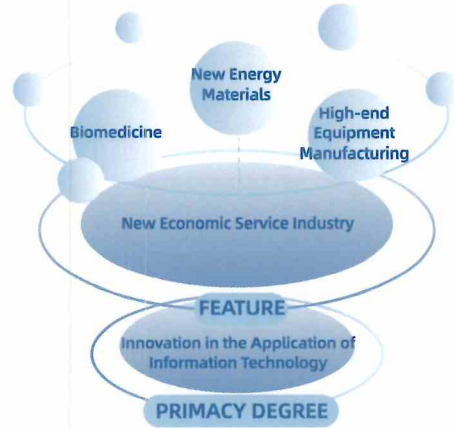
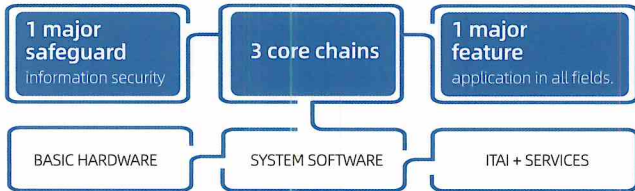
INDUSTRIAL LAYOUT

As one of the first batch of national high-tech zones and national independent innovation demonstration areas, Tianjin Binhai High-tech Zone has been adhering to the path of innovation-driven high-quality development. It has continuously built an "113X" industrial system, with the application innovation of information technology taking the top priority, the new economic service industry playing a leading role as a characteristic sector, biomedicine, new energy and new materials, and high-end equipment manufacturing serving as important supports, while also focusing on "X" new tracks that are oriented towards the global scientific and technological frontiers and the development of future industries.

1 One Major National-level Innovative Industry - Innovation in the Application of Information Technology

Taking the information technology innovation (ITI) industry as the top priority, Tianjin Binhai High-tech Zone has constructed a domestic product chain covering "chips - operating systems - databases - servers", broken through the "bottleneck" problems in key and core fields, and focused on developing three core chains including basic hardware, system software, and ITI + services, one major safeguard of information security and one major feature of applications in all fields, systematically laying out the "311" ITI industry system. The revenue of the ITI industry chain is 72.1 billion yuan.

The "311" ITAI industry system refers to: three core chains, including basic hardware, system software, and ITAI + services; one major safeguard of information security; and one major feature of application in all fields.



- It has been approved to build the only network information security product and service cluster in the country.
- It has been shortlisted in the top 10 of the strategic emerging industry clusters by the National Development and Reform Commission.
- It has gathered more than 1,000 upstream and downstream enterprises in the ITAI industry, with 25,000 employees.
- The ecological partners of KylinOS exceed 1.5 million, with a comprehensive market share of over 85%. It has released the first desktop operating system developer platform in the country (Open Kylin), filling the gap in the domestic desktop operating system root community.

1 One High-growth Innovative Industry - New Economic Service Industry

Tianjin Binhai High-tech Zone focuses on the new business forms of platform economy and the optimization of innovative service industries, striving to develop the new economy service industry. It has gathered leading Internet platform enterprises such as Douyin, Tencent, 360, NetEase, Weibo, Perfect World, 58.com, and KuaiGou Dache. The revenue of the new economy service industry chain reached 128.3 billion yuan.

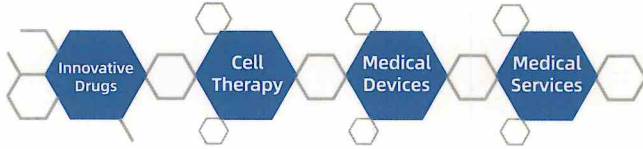


Tianjin's policies: Measures of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Policies of Tiankai Park; Measures of Tianjin Binhai High-tech Zone on Promoting the Innovation in Information Technology Application; Measures of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Interim Measures of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Incentive Measures of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Interim Measures of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Green development: Several Policies (on a Trial Basis) of Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry; Scientific and technological innovation: Gradient Support Policies for Science and Technological Innovation; Achievement transformation: Incentive Measures of Tianjin High-tech Zone on Accelerating the Transformation of Scientific and Technological Achievements; Policies of Commercial Circulation: Notice on Measures (Interim) for Tianjin Binhai High-tech Zone on Promoting the Development of the New Economy Service Industry.

3 Three Featured Supporting Industries

Biomedicine

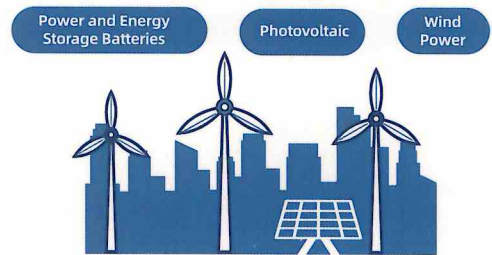
Tianjin Binhai High-tech Zone has been actively laying out four sub-industrial chains, including innovative drugs, cell therapy, medical devices and pharmaceutical services, and has been focusing on building a biomedical industry system. It has gathered a number of outstanding biomedical institutions and enterprises. Its industrial strength has been gradually enhanced, and its comprehensive competitiveness ranks seventh in the whole country. The revenue of the biomedical industry chain is 9.2 billion yuan.



- Tianjin Binhai High-tech Zone ranked 7th in the comprehensive competitiveness of national biomedical industrial parks (in 2023).
- The Gene and Cell Industrial Park in Tianjin Binhai High-tech Zone was approved as a municipal industrial-themed park (in 2023).
- The only innovation center for the modern traditional Chinese medicine manufacturing industry of the Ministry of Industry and Information Technology of the People's Republic of China was approved to be established in the high-tech zone (in 2023).
- The National Medical Products Administration and the Tianjin Municipal Medical Products Administration supported and promoted the establishment of the Tianjin Base for the Innovative Development of Regulatory Science for Cellular Products (in 2023).
- It was approved as the National Foreign Trade Transformation and Upgrading Base (Medical Devices) of Tianjin Binhai High-tech Industrial Development Zone (by the Ministry of Commerce, in 2023).

New Energy Materials

Tianjin Binhai High-tech Zone started to lay out the new energy industry around the year 2000. At present, it has constructed a "3 + N" characteristic new energy industry system that covers three major industrial chains of power and energy storage batteries, photovoltaics, and wind power, as well as N forward-looking emerging fields. It has gathered leading enterprises such as TCL, Lishen Battery, Mingyang Wind Power, and Siemens. The revenue of the new energy industry chain amounts to 13.1 billion yuan.



High-end Equipment Manufacturing

The high-end equipment manufacturing industry cluster in Tianjin Binhai High-tech Zone is accelerating its formation. Four national-level research and development institutions have been established, attracting six second-level subsidiaries of central enterprises, ten foreign-funded Fortune Global 500 companies and 14 national-level specialized, refined, distinctive and innovative enterprises. Four relatively complete industrial sub-chains have been formed, covering aerospace, intelligent manufacturing, rail transit and marine equipment. The revenue of the high-end equipment industry chain is 16.3 billion yuan.



- 4 national-level research and development institutions
- 10 foreign-invested enterprises among the Fortune Global 500
- 6 secondary-level companies of central enterprises
- 14 national-level specialized, sophisticated, distinctive and innovative enterprises

X New Tracks for the Future

Proactively lay out X new tracks for the future, such as quantum communication, blockchain, third-generation semiconductors, digital twins, and intelligent drug development.

- Quantum communication
- Blockchain
- The third-generation semiconductors
- Digital twin
- Intelligent drug development

ment of the Information Technology Application Innovation Industry
 development of the Information Technology Application Innovation Industry
 n Zone on Promoting the Development of the Information Technology Application Innovation
 moting the High-quality Development of the New Economic Service Industry
 h-quality Development of the Biomedical Industry
 n-quality Development of the Cell and Gene Therapy Industry
 High-quality Development of the New Energy Industry
 rial Development Zone on Supporting Green and Low-carbon Development
 h-quality Development of the High-end Equipment Industry
 nology-based Enterprises in Tianjin Binhai High-tech Zone
 ing the High-quality Development of Incubation Carriers
 h-tech Zone to Promote High-quality Development in the Field of Commercial Circulation* and Its Implementation Rules

INVESTMENT ENVIRONMENT

Government Services

The Hi-Tech Zone has provincial-level economic powers. It benchmarks against the world-class business environment and fully implements the reform deployments of "delegating powers, improving regulation, and optimizing services" and the reform of "one system and three aspects of modernization" (streamlining administrative approval procedures, improving the informatization level of government services, and standardizing government services).

Service Platform Establishment	Service Optimization	
Tianjin High-tech Area Government Service Center	First inquiry accountability system , targeted and professional services from nine industrial investment promotion bureaus	Established the service specialist mechanism "One-to-one" full life cycle service
Agency Center for Approval Services	Unique internal administration for market regulation, innovative tax authority and considerate customs services for the overall development of enterprises	Support for handling approval procedures in enterprise establishment
24-hour self-service government service area 24-hour service hotline: 83726666	Government services available in Binhai New Area, Tianjin and other provinces	Support for finding fully equipped office space
Tianjin Technology and Financial Center	Facilitation measures: credit commitment, notification commitment, later supplementation of required materials	Support for land acquisition and submission of construction planning and construction application to authorities; shortening the time required in procedures
Tianjin Hi-tech Entrepreneurs Association	Construction projects allowed to start upon land acquisition	Industrial and commercial registration processed on the day of material submission; tax invoices approved in time

Talent Advantages

Haihe Talents

The "Haihe Talents" action plan has been deeply implemented, and the 2.0 version of the "Kunpeng Plan" has been launched. Power has been delegated to leading enterprises in strategic emerging industries, and settlement can be achieved with just a signature.

Talents Alliances

Tianjin Information Technology Application Innovation Industry (Talent) Alliance, Tianjin New Energy Industry (Talent) Alliance.

Talents Reserve

There are abundant resources of institutions of higher learning, including 4 universities among the 985 and 211 projects, 30 undergraduate universities, and more than 70 universities in total.

High-end Talents

It has attracted and gathered nearly 50 academicians and more than 70 outstanding scientists.
60 postdoctoral research workstations have been approved
There are 3 postdoctoral innovation practice bases

Institutional Resources

Around Huayuan Science and Technology Park, there are 96 various scientific research institutes. It is adjacent to many universities such as Nankai University, Tianjin University, Tianjin Polytechnic University, Urban Construction College, Agricultural University, International Women's College, the new campuses of Tianjin Normal University and Tianjin University of Technology.

Talent Policies

Facilitating Entrepreneurship	Household Registration New Policy
Leading Talents	Employment Internship
Haihe Talents	Employment Security

Financial Support

Core Advantages

- With provincial-level authority, it enjoys high approval efficiency.
- It provides professional consulting services.
- It has high policy flexibility and good stability.
- There are numerous successful cases.
- It has the support of government funds.
- It offers support through supporting policies.

Cross-border finance

Provide policy interpretation and suggestions for enterprises to establish red-chip and VIE structures for overseas listing. Offer professional one-on-one guidance to efficiently and rigorously complete ODI (Overseas Direct Investment) filings, serving enterprises in their overseas expansion. Provide one-stop approval and establishment services for investment-type WFOE (Wholly Foreign-Owned Enterprise) and QFLP (Qualified Foreign Limited Partnership).

Venture capital services

A venture capital community has been established to enable finance to energize the real economy. Efforts are being made to build a free resource-matching platform for enterprises, achieving an integration of entrepreneurship, innovation, and venture capital.

Thirteen industrial funds have been set up, with a total scale of 24 billion yuan.

China Electronics Haihe Smart Emerging Industry Investment Fund/Tianjin Shengjin Haihe Zhonghe Equity Investment Fund/Tianjin Haitai Haihe New Kinetic Energy Industry Fund/Tianjin Haitai Haihe Biomedical Industry Fund/New Pattern Fund/Zhilu Fund/Tianjin Binhai High-tech Zone Haihe Information and Innovation Industry Fund/Tianjin Binhai High-tech Industry Investment Fund/Tianjin Tasly Haihe Health Industry Investment Fund/Tianjin Haihe Zhihui Optoelectronics Venture Capital Fund/Tianjin Weihao Haihe Phase I Equity Investment Fund/Tianjin Angel Investment Guiding Fund/Tianjin Binhai High-tech Zone Haitai Kohler Equity Investment Fund

Supporting Facilities

Medical service institutions

- Institute of Hematology, Chinese Academy of Sciences
- Tianjin First Central Hospital
- Ophthalmic Hospital of Tianjin Medical University
- Tianjin Huayuan Minzhong Health Examination Clinic
- Community Health Service Center of Tianjin Huayuan Science Park
- Beile Community Health Service Center of Tianjin High-tech Zone
- Tianjin Kingmed Center for Clinical Laboratory

Educational institution


- Tianjin Binhai High-tech Industrial Development Zone No.1 School
- Tianjin Huayuan Maple Leaf School
- High-tech Zone Huayuan Foreign Language School Affiliated to Tianjin Foreign Studies University
- High-tech Zone Haiyang Foreign Language School Affiliated to Tianjin Foreign Studies University
- The Kindergarten Affiliated to High-tech Zone No.1 School (Hangtiancheng Campus, Yuhuwang Campus)
- Megagynny Kindergarten
- Tianjin Binhai High-tech Zone Huayuan No.1 Kindergarten (Nankai No.1 Kindergarten Huayuan Campus)

Talent apartment

- SOHO Apartment · Boxin Apartment · Haiyue Apartment B
- Talent Apartment · Haiming Apartment · Haining Apartment
- Youth Apartment · Haiyue Apartment A · Haixing Apartment

Commercial facilities

- Vision Hill
- Bolong Lake Sports and Fitness Center
- Red Star Macalline
- Youa Outlets · Xincheng Wuyue Plaza



Overview

Tianjin Binhai High-tech Area was established in 1988 with the approval of the Tianjin Municipal Committee of the Communist Party of China and the Tianjin Municipal People's Government and approved by the State Council as one of the first national high-tech industrial development areas in 1991. It set up a national innovation demonstration area with the approval of the State Council in 2014 and established a national demonstration base for innovation and entrepreneurship in 2017. It is one of the first national innovation-driven sci-tech parks.

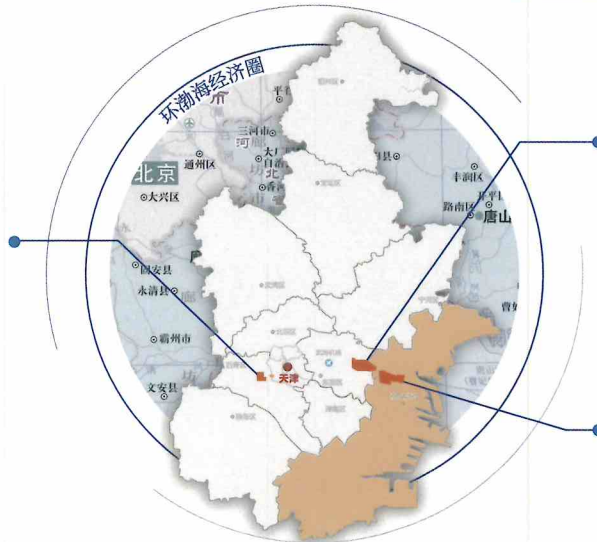
During the 14th Five-year Plan period, the Area has fully implemented the Beijing-Tianjin-Hebei Integration Development Plan, actively integrated into the development paradigm of "building the central urban area of Tianjin and Tianjin Binhai New Area", vigorously improved the capacity for independent innovation, accelerated clustering high-end industries, enhanced the city quality, built a highland for independent and original innovation, and achieved the two goals of developing an "upgraded version" of national independent innovation demonstration area and a first-class sci-tech city in northern China.



Huayuan Science and Technology Park 11.58KM²



With a planned area of 11.58km², Huayuan Science and Technology Park is located southwest of Tianjin, 100km away from the capital Beijing, 30km away from Tianjin Binhai International Airport, and 50km away from Tianjin Port. It has attracted 24 Fortune Global 500 enterprises such as Toyota and Siemens, and its new economy service industry is showing strong momentum.



Bolong Lake Science and Technology Park 30.5KM²



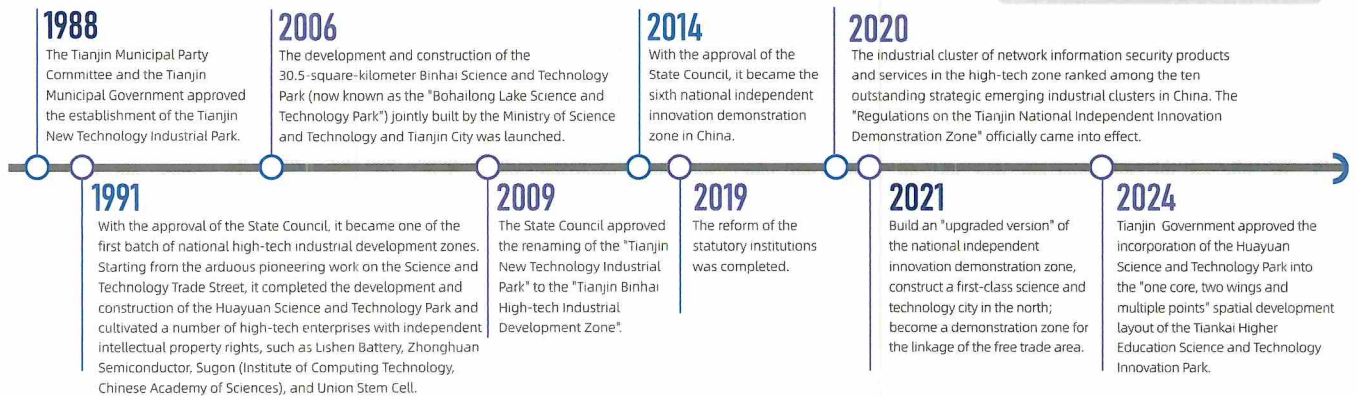
It is 19 kilometers away from Tianjin Airport and 26 kilometers away from Tianjin Port. Focusing on building the characteristic "Cell Valley" in the Beijing-Tianjin-Hebei region and a carrier for the advanced manufacturing industry.

Ocean Science and Technology Park 58KM²



Located in the core area of Binhai New Area, at the center of the "land port" of Binhai New Area, with a road network of "five vertical and eleven horizontal" roads, as well as "one high-speed railway, five expressways, two arterial roads and three subways". Focus on building "China's Information Innovation Valley".

HISTORICAL DEVELOPMENT



DEVELOPMENT DATA

- There were **48,000** market entities in the high-tech zone. Among them, **13,200** were newly added that year, and **5,745** were newly added enterprises.
- The total industrial output value of enterprises above designated size reaching **79.2** billion yuan.
- The actual utilization of domestic capital was **40.6** billion yuan.
- The operating income of 15 key industries in the service sector above designated size increased by **19.1%**.
- The actual utilization of foreign capital was **1** billion US dollars.

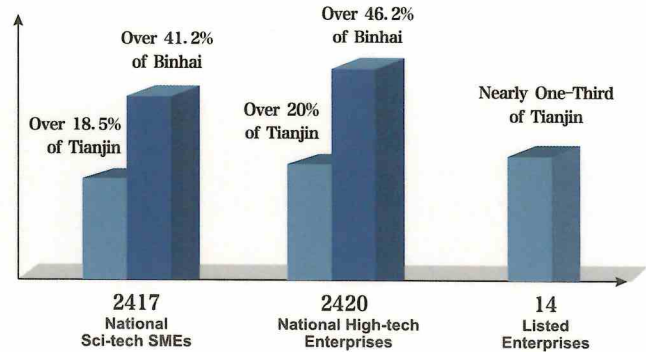
- It has strived for progress and advanced in ranking for four consecutive years. The ranking of the national high-tech zone has risen from 23rd in 2019 to 15th in 2024 (a total of 178).
- Ranked 7th in the capital market competitiveness among high-tech zones in cities across the country.-- "Report on the Capital Market Competitiveness of National High-tech Zones in 2020"
- Ranked 7th in the comprehensive competitiveness of national biomedical industry parks -- "2023 Evaluation and Analysis Report on the Competitiveness of China's Biomedical Industry Parks" by the China Biotechnology Development Center.
- Top Ten Innovative Demonstration Areas for the Business Environment of China's Economy -- "2020 China Economic Summit Forum & the 18th China Economic Person of the Year Annual Conference"
- The only cluster of network information security products and services in the country -- Approved by the State Council in September 2019.
- Ranked 4th among the national mass entrepreneurship and innovation demonstration bases -- "Evaluation Results of 120 National Mass Entrepreneurship and Innovation Demonstration Bases" by the China Association for Science and Technology.

RESOURCES FOR INNOVATION

3 Indicators Have Been Continuously Leading the Whole City.



The Main Bodies of Scientific and Technological Innovation in the High-tech Zone in 2024



Breakthrough Progress Has Been Made in the Construction of Innovation Platforms.

- There are more than 70 key core technology research projects under research in the three Haihe laboratories, and nearly 30 enterprises have been cumulatively introduced, cultivated and incubated.

- Tianjin National "Xinhua" Mass Entrepreneurship and Innovation Base (Platform) has been officially completed, introducing and incubating 19 integrated circuit enterprises.

- Four enterprises, including Phytium Technology, Inspur Group, Aerospace Shenzhou Technology, and TCL Zhonghuan Semiconductor Co., Ltd., took the lead in establishing a municipal-level innovation consortium.

- Peking University (Tianjin Binhai) Institute of New Generation Information Technology has landed in the high-tech zone.

Intellectual Property Rights

- One of the ten national demonstration zones for high-quality agglomeration and development of intellectual property rights
- One of the first batch of "National Pilot Parks for Building a Powerful Intellectual Property Country"
- One of the first batch of regions for the innovation pilot project on trade secret protection in China
- One of the first batch of patent navigation service bases in the country



Focus on building an agglomeration place for intellectual property services in Tiankai Huayuan Science and Technology Park, and form a characteristic intellectual property service ecosystem with the features of "one center, two protections, four industries and five characteristics".

Jointly build the Science and Technology Innovation China Intellectual Property Ecological Industrial Park with the Tianjin Intellectual Property Office, and gather administrative service units such as the Tianjin Intellectual Property Office, the Tianjin Intellectual Property Protection Center, the Tianjin Agency of the Patent Office of the National Intellectual Property Administration, and the Tianjin Trademark Business Acceptance Window of the National Intellectual Property Administration.

Resources for Innovation

The High-tech Zone has 11 national-level incubators, 3 national-level research and development institutions, and 180 municipal-level research and development platforms.

- Tianjin Binhai Hi-Tech Industrial Development Zone International Entrepreneurship Center
- Tianjin Haitai Technology business incubator
- Tianjin Huake Technology business incubator
- Tianjin Haitai Innovation Incubator
- Electric (Tianjin) Zhongtian Technology business incubator
- Tianjin vitality technology business incubator

- Tianjin Huading technology business incubator
- Tianjin Wisdom Mountain technology business incubator
- Tianjin Xinmao Technology Enterprise Incubator
- The Star of Enlightenment (Tianjin Ocean Park) incubator
- Tianjin Zhongke Advanced Technology Research Institute incubator



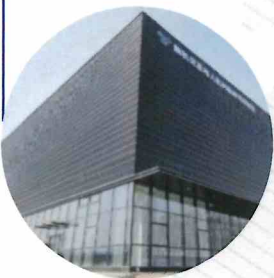
Comprehensive sci-tech services to support small enterprises, boost large enterprises and make powerful enterprises more competitive

Scientific and technological services throughout the entire life cycle

"Two Valleys and Three Laboratories"

Haihe Laboratory of Brain - Computer Interaction and Human - Machine Convergence

Located in Huayuan Science and Technology Park, the Haihe Laboratory of Brain-Computer Interaction and Human-Machine Integration is the sixth Haihe Laboratory in Tianjin. It is led by the Tianjin Municipal Government and spearheaded by Tianjin University, jointly established by more than 10 institutions including China Electronics Cloud Brain and Haihe Industrial Fund. The laboratory is oriented towards the major decision-making and deployment of the national strategy of implementing Healthy China. It focuses on the academic frontiers in the field of brain-computer interaction and human-machine integration, and provides strong scientific and technological support for seizing the commanding heights of international competition in the field of brain-computer interaction.



Cell Ecology Haihe Laboratory

Located in the Bolong Lake Science and Technology Park, the Haihe Laboratory of Cellular Ecology is undertaken by the Institute of Hematology, Chinese Academy of Medical Sciences (Hospital of Hematology, Chinese Academy of Medical Sciences), and jointly constructed by institutions such as Tianjin Medical University, Nankai University, Tianjin Institute of Pharmaceutical Research, and the Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences. With the construction purpose of "meeting the growing health needs of the people", the laboratory adheres to the "Four Orientations", focuses on five major research directions, namely the cellular ecological system, cellular ecology and immunity, cellular ecological imbalance and major diseases, cellular ecological reconstruction, and cutting-edge technologies in cellular ecology research, and conducts basic research, technological innovation, and industrial application in the field of cellular ecology.



Beijing-Tianjin-Hebei characteristic "Cell Valley"

Located in the Bolong Lake Science and Technology Park, Beijing-Tianjin-Hebei characteristic "Cell Valley" region covers an area of 58,000 square meters and has a building area of 82,000 square meters. The building area of the first phase is 39,000 square meters. The municipal and district-level governments have invested a total of 640 million yuan. Relying on the scientific and technological innovation platform system of "one laboratory, two bases, and four centers", it continuously exerts efforts in aspects such as original innovation, industrial transformation, pilot implementation, inspection and testing, scientific supervision, and industrial ecology, and continuously empowers the high-quality development of the cell industry.

Beijing-Tianjin-Hebei characteristic "Cell Valley" region has gathered more than 40 related industries, covering the entire cell industry chain including cell extraction and preparation, cell storage, quality control inspection, research and development, production, application transformation, cold chain logistics, etc., and the trend of clustered industrial development is obvious.



 **Tianjin**



Haihe Laboratory of Advanced Computing and Key Software (IT Applications Innovation)

Located in the Marine Science and Technology Park, the Information Innovation Haihe Laboratory is one of the series of Haihe Laboratories established by the Tianjin Municipal Party Committee and the Tianjin Municipal Government to implement the guiding spirit of General Secretary Xi Jinping's instruction of "building an important source of independent innovation and a major cradle of original innovation", and in line with the standards of national laboratories. In 2023, it was officially approved as a "supporting unit of the National Natural Science Foundation of China".

 **Binhai New Area**



China Information Innovation Valley

Located in the Marine Science and Technology Park, Tianjin Hi-Tech Zone takes the information technology application innovation (ITAI) industry as its top priority. It has built a domestically produced product chain covering "chips - operating systems - databases - servers", breaking through the "bottleneck" dilemma in key and core fields. It focuses on developing three major core chains, namely basic hardware, system software, and ITAI + services, one major guarantee of information security, and one major feature of applications across all fields, systematically laying out the "311" ITAI industry system.

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Sticking Area



The Government
Affairs Network of the
High-tech Zone



The Official
Weibo of the
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