

# Sapporo: The Northern Capital of JAPAN





# Brief Introduction to Sapporo

## ► Prefectural Capital of Hokkaido

Hokkaido is Japan's northernmost prefecture, and Sapporo is its capital.

## ► Population: 1,973,845

It is the fourth most populated city in Japan.

## ► Area: 1,121.26km<sup>2</sup>

A little less than double Tokyo's Special 23 Wards (621km<sup>2</sup>), about the same as Hong Kong.

## ► Economic Size: 6.8 trillion yen (FY 2018 Municipal GDP)

The fifth largest ordinance-designated city in Japan

## ► Access

Access from outside Hokkaido is generally by air. It takes 1 hour and 30 minutes to fly from Tokyo (Narita Airport), Japan's largest international airport, to New Chitose Airport.

Sapporo is the economic center of Hokkaido.



# Location Promotion Subsidy

## IT, Digital Content, and Biotech Location Promotion Subsidies

- ▶ A subsidy program for companies that establish research, development, and production bases for products utilizing information and communications technology, digital technology, and biotechnology in Sapporo City.

### Outline of the system

	Auxiliary Type	limit	Contents of the grant
Newly established	opening cost	8 million yen	• 1/2 of construction, equipment purchase, and hiring costs • 1/2 of equipment transportation costs in the case of bio (Full Amount in the Case of Location in an Industrial Park)
	personnel cost	12 million yen x 2 years	• 1 million yen/fiscal year per full-time employee newly hired or transferred to the Sapporo area
Expansion	personnel cost	12 million yen	• 500,000 yen per 1 full-time employee increased in 2 years due to new employment or relocation to the Sapporo area

- ▶ Please contact us for details.

# Location promotion subsidy

## Startup location promotion subsidy

- ▶ A subsidy for startups who are starting a business as a Sapporo startup or considering locating in Sapporo City.

### Target

Category	Applicant
A	<Individual> Sapporo startup entrepreneur
B	<Corporation> (Within 7 years of establishment) A corporation whose head office is to be relocated to Sapporo
C	<Corporation> (Operation within seven years of establishment and for one year or more) A corporation that sets up its first branch office in Sapporo

### Subsidy

Auxiliary Type	limit	Contents of the grant
Business and site preparation expenses	<b>1.5 million yen</b>	Depending on the number of people who meet the supplementary requirements, • Category A: 500,000 yen per person • Category B and C: 300,000 yen per person
Expenses for opening designated facilities	<b>1 million yen</b>	1/2 of construction costs, office equipment purchase costs, and hiring costs

- ▶ Please contact us for details.

# Sapporo Healthcare Industry

Sapporo is home to universities known for their advanced research in healthcare and medical fields, to medical institutions engaged in forward-thinking initiatives, and to healthcare businesses playing a positive role in Japan and elsewhere.

The city also has clusters of information technology and other firms expected to further enhance collaboration with organizations in healthcare and medical fields.

## Overview of the medical field



Number of companies

**452**



Number of employees

**27,353**



Sales

**1,593** billion yen

Medical Institutions In Sapporo



**232** hospitals

**1,613** clinics

## Biotechnology Industry In Hokkaido



Sales of biotech firms  
in Hokkaido

**96.7** billion yen

Many educational institutions in Sapporo in  
healthcare, medicine, science and engineering

There are 16 medical and science  
and engineering institutions.



Examples

- \* Hokkaido University
- \* Hokkaido University graduate schools
- \* Sapporo Medical University
- \* Sapporo Medical University graduate schools

# Sapporo Healthcare Industry



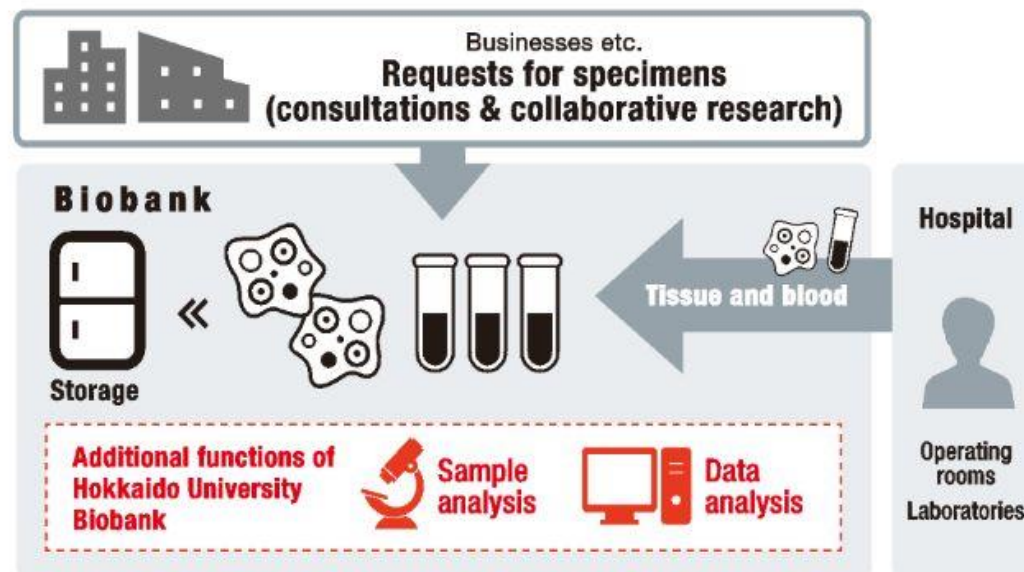
## Distinctive on-demand type biobank

Hokkaido University Hospital's Clinical Research and Medical Innovation Center has a biospecimen repository (a.k.a. biobank) that does more than just collect and store biospecimens such as pathological tissue, blood, and body fluids. In fact, its primary purpose is to use such specimens and provide high value-added research materials. The biobank also performs genetic and molecular analyses using next-generation sequencers and other instruments, thus actively supporting and promoting clinical research.

## Hokkaido University Hospital

Hokkaido University  
Hospital  
Clinical Research and  
Medical Innovation  
Center  
**Biobank**

Vigorous promotion of clinical research with an on-demand type biobank where biospecimens are collected, stored and analyzed upon demand from researchers and businesses



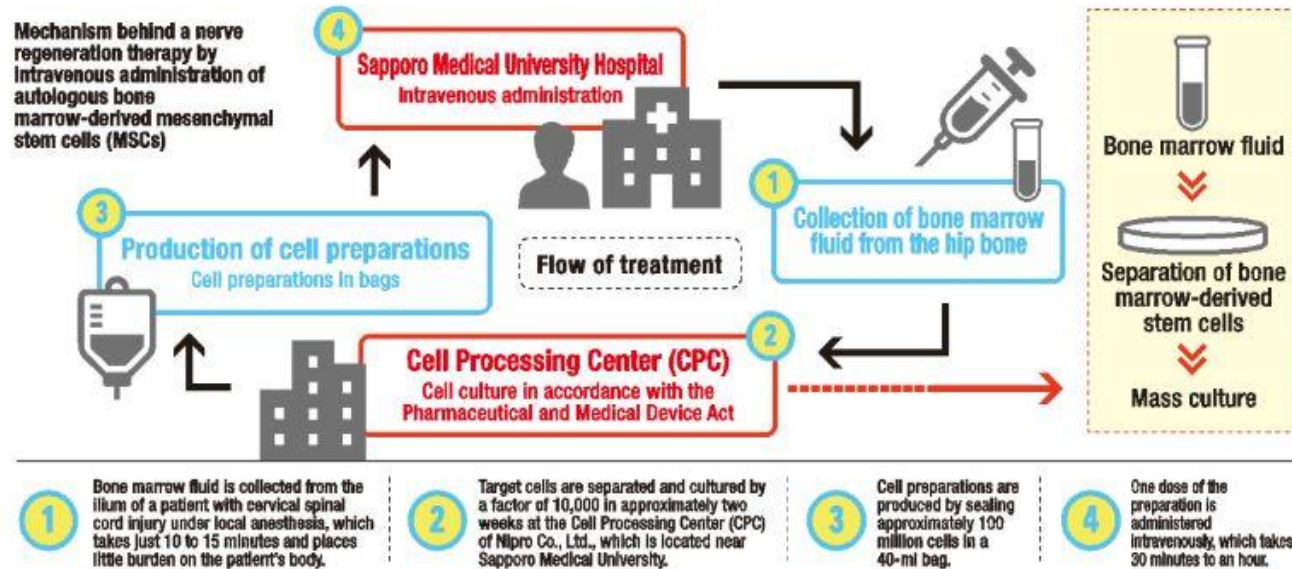


# Sapporo Healthcare Industry

## Sapporo Medical University

Department of Neural Regenerative Medicine in the Research  
Institute for Frontier Medicine, affiliated with the School of Medicine

Mechanism behind a nerve  
regeneration therapy by  
intravenous administration of  
autologous bone  
marrow-derived mesenchymal  
stem cells (MSCs)



Note: This intravenous therapy has been found effective for patients with cerebral injury and those with spinal cord injury, and even if time has passed since their injury.

- **Mechanism**
  - Neuroprotection mediated by neurotrophic factors
  - Reduction of inflammation
  - Nerve regeneration (differentiation into nerve cells and the activation of host neural stem cells)

### Development of a new therapy for nerve injury

Sapporo Medical University has contributed to the development of community medicine in Hokkaido and has also been engaged in cutting-edge medical research and development. The university has worked with Nipro Co., Ltd. to develop a therapy for patients with nerve injuries, including spinal cord injury,

for which no effective therapies were available, and the jointly developed nerve regeneration therapy using autologous bone marrow-derived mesenchymal stem cells (MSCs) was approved by the government in December 28, 2018, carving out a new path in the medical field.

Sapporo Medical  
University  
×  
Nipro Co., Ltd.







Please let me know if you are interested.

We are here to support you.