

International Strategic Zone

KING SKYFRONT



— Kawasaki sets to change the world and the future

Tonomachi International Strategic Zone

KING SKYFRONT

○ What is KING SKYFRONT?

KING SKYFRONT is an international strategic zone that aims to create new industries from world-class R&D in the life science and environmental fields. Since the Central Institute for Experimental Animals (CIEA) moved into the area in 2011, it has grown into a medical innovation area with approximately 70 research institutes and companies.



"KING" is an acronym for "Kawasaki INnovation Gateway" and reflects the name of the town "Tono-machi" with "Tono" meaning "feudal lord". In addition, "SKYFRONT" is a reference to its close location to Haneda Airport, which connects Japan to the rest of the world, and is just across the Tama River.

1 World's Leading Open Innovation Hub

About 70 companies, academic, public research institutions, are in KING SKYFRONT, where the world's most advanced R&D related to drug discovery, medicine, medical equipment, is being conducted. We promote open innovation to create new industries by proactively networking a variety of multidisciplinary, institutions domestically and overseas.



Photography: Kawasaki City Fire Department Air Squadron

2 R&D Center aiming social implementation of next-generation medicine

At KING SKYFRONT, R&D covers a wide range of fields. The institutions that develop cutting-edge animal testing areas and work on regulatory science and DDS research play a central role. A network for practical application and industrialization of regenerative medicine and cell therapy are formed as well.



3 A "face-to-face" hub that connects local institutions

At KING SKYFRONT, KING SKYFRONT Network Council centered on local institutions conducts joint projects to make the local area more attractive. These activities have created a "face-to-face" relationship with each other and lead to the creation of new businesses through collaboration.



LINK - J communication lounge

○ Fact Data

Time required

from Tokyo station
Approx. **40** mins

from Haneda Int'l Airport (Terminal3) by car
Approx. **5** mins

Excellent access to domestic and overseas

Site area Approx. **40**ha

Number of located institutions
Approx. **70**
(As of 2022)

Number of persons engaged in Life Science field
Approx. **1,600**
(As of 2022)

Scientists among them
Approx. **800**

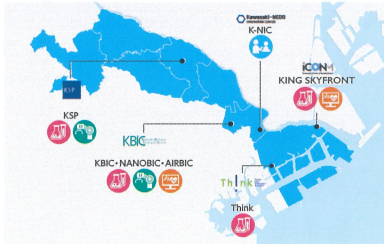
A National Strategic Special Zone, an International Strategic Comprehensive Special Zone, and a Specified Priority Development Area for Urban Renaissance.

Research area: Regenerative medicine, drug discovery and drug discovery support, and medical devices, etc.

Widespread cooperation to build a world-class life science hub

KING SKYFRONT promotes cooperation with hubs centered on Biotechnology and Life Science at home and abroad.

○ Interaction between Kawasaki City and Haneda Area, Ota City

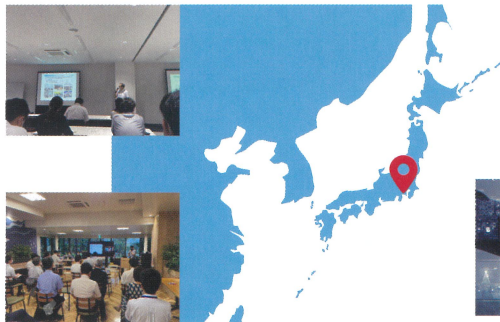


- Active exchanges are being held with each incubation facility in Kawasaki City through joint events and business matching.
- In March 2022, we signed a partnership agreement with the adjacent Haneda area in Ota City, by three hubs of comprehensive special zone, and are working to create an environment that facilitates business connections with the world.



○ Interaction between domestic hubs

- We built a network between companies in Kanto region, universities, and cooperated institutions, etc. such as participating in Greater Tokyo Biocommunity and startup ecosystem Tokyo Consortium.
- We interact by mutual visit and information exchange with hubs in various districts and institutions such as City Industrial Promotion Organization, OKINAWA Science and Technology promotion Center (OSTC), etc.



○ Interaction between overseas hubs

- We build new overseas networks and expand business exchanges by accepting visitors from embassies and bio-clusters, and by exchanging information online.
- We signed MOUs with BioM in Germany and Medicen Paris Region in France and deepen these exchanges through joint events.

Incubation feature

At KING SKYFRONT, we aim to create an ecosystem where new businesses are continuously created, from advanced R&D, through collaboration between companies from anywhere. We create an environment that facilitates startups'

activities by supporting their growth in cooperation with the world's top incubators, operating shared offices for those who wish to establish a base in the area, and maintaining the community lounge as a place for exchange and collaboration.





Research Gate Building III (RGB III)

1 Shimadzu Tokyo Innovation Plaza

Application Development



Research Gate Building II (RGB II A · B)

2 Cancer Precision Medicine, Inc.

Medical /Diagnostic Devices



3 Graduate School of Health Innovation and Center for Innovation Policy, Kanagawa University of Human Services

Academia



4 Keio University Frontier Research & Education Collaboration Square at Tonomachi (Tonomachi Town-Campus)

Academia



5 Medtronic Innovation Center

Medical /Diagnostic Devices



6 Middle Molecule IT-based Drug Discovery Laboratory, Tokyo Institute of Technology

Academia



7 Redge, Inc.

Academia



8 RINK, Inc.

Regenerative Medicine



9 Sumitomo Pharma Co., Ltd.

Pharmaceuticals



10 YTT Medical Co., Ltd.

Medical Devices



Life Science & Environment Research Center (LiSE)

11 ALBA Corporation ANY Laboratory

Examination/Research



12 AnGes Inc. AnGes Clinical Research Laboratory

Pharmaceuticals / Laboratory Testing



13 Kanagawa Institute of Industrial Science and Technology

Public Institution/Administration



14 Kawasaki City Institute for Public Health

Public Institution/Administration



15 Kawasaki Environment Research Institute

Public Institution/Administration



16 LabPMM GK

Medical/Diagnostic Devices



17 Material Research Center Co., Ltd

Commissioned Research/Analysis



Innovation Center of Nano-Medicine (iCONM)

12 AnGes Inc. Tonomachi R&D Center (CMC / Drug Discovery Research)

Pharmaceuticals / Laboratory Testing



18 Braizon Therapeutics, Inc.

Drug Discovery/Drug Discovery Support



19 iCONM in collaboration with BioLabs

Incubation



20 Innovation Center of NanoMedicine (iCONM) KAWASAKI INSTITUTE OF INDUSTRIAL PROMOTION

Public Institution/Administration



21 iXflow, inc.

Analysis



22 Kao corporation

Cosmetics/Toiletries



23 NANO MRNA Co., Ltd.

Drug Discovery/Drug Discovery Support



24 NANOEGG Research Laboratories, Inc.

Drug Discovery/Drug Discovery Support



25 Nitto Denko Corporation, Kawasaki Lab.

Healthcare



26 NOF CORPORATION

Biocompatible Functional Materials



27 SBI Pharma Co., Ltd.

Pharmaceuticals



PDRadiopharma Inc. Kawasaki PET Lab.

30 PDRadiopharma Inc. Kawasaki PET Lab.

Pharmaceuticals



Cybernics Medical Innovation Base-A

31 Jiksak Bioengineering, Inc.

Drug Discovery/Drug Discovery Support



32 Metcela Inc.

Regenerative Medicine



JSR Corporation

28 JSR Corporation JSR Bioscience and informatics R&D center (JSR BiRD)

Drug Discovery/Drug Discovery Support



29 Metagen, Inc.

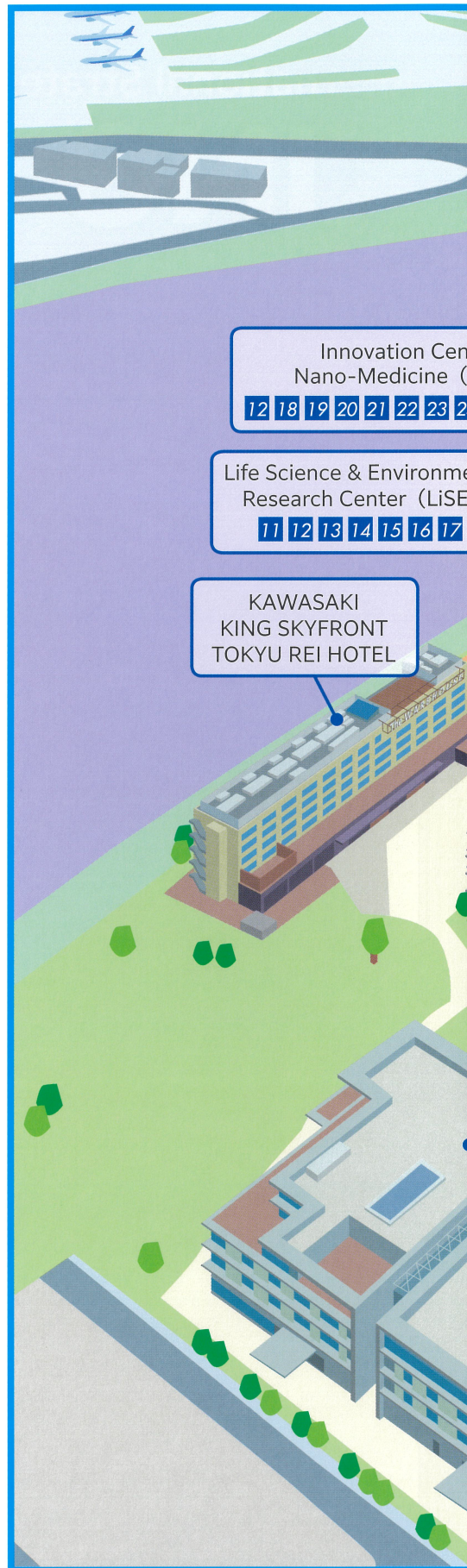
Healthcare



Japan Radioisotope Association

33 Japan Radioisotope Association Kawasaki Technical Development Center

Research and Development Support



Innovation Center Nano-Medicine (ICNM)

12 18 19 20 21 22 23 24

Life Science & Environment Research Center (LiSE)

11 12 13 14 15 16 17

KAWASAKI KING SKYFRONT TOKYU REI HOTEL

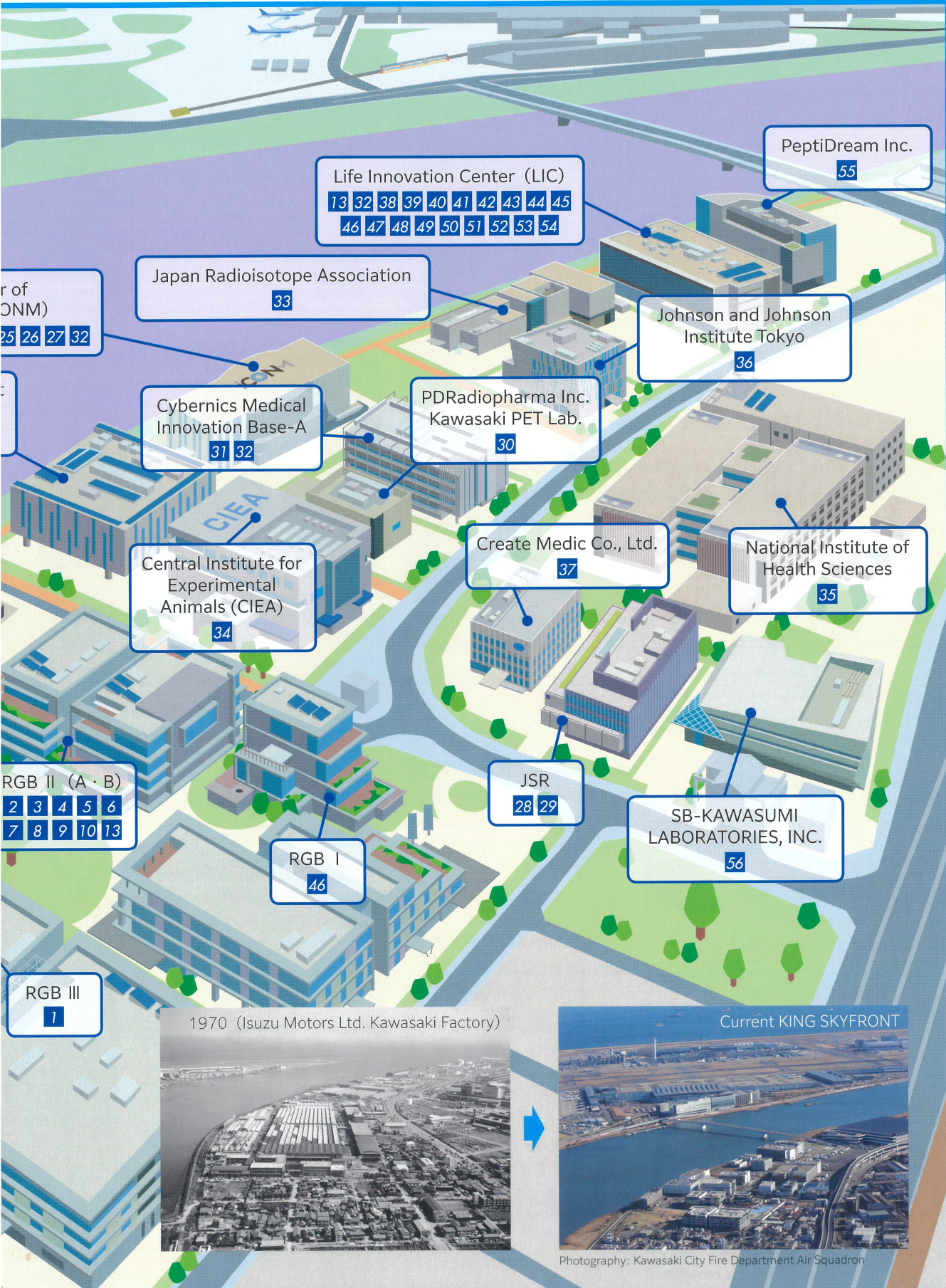


Central Institute for Experimental Animals (CIEA)

34 Central Institute for Experimental Animals (CIEA)

Research and Development Support





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ONM)
25 26 27 32

Life Innovation Center (LIC)
13 32 38 39 40 41 42 43 44 45
46 47 48 49 50 51 52 53 54

Japan Radioisotope Association
33

Cybernics Medical
Innovation Base-A
31 32

PDRadiopharma Inc.
Kawasaki PET Lab.
30

Johnson and Johnson
Institute Tokyo
36

PeptiDream Inc.
55

Central Institute for
Experimental
Animals (CIEA)
34

Create Medic Co., Ltd.
37

National Institute of
Health Sciences
35

RGB II (A · B)
2 3 4 5 6
7 8 9 10 13

JSR
28 29

SB-KAWASUMI
LABORATORIES, INC.
56

RGB I
46

RGB III
7



1970 (Isuzu Motors Ltd. Kawasaki Factory)



Current KING SKYFRONT

Photography: Kawasaki City Fire Department Air Squadron



National
Institute of
Health
Sciences

35 National Institute of
Health Sciences

Public Institution
/Administration





Johnson and Johnson Institute Tokyo

36 Johnson and Johnson Institute Tokyo

Medical /Diagnostic Devices



Create Medic Co., Ltd.

37 Create Medic Co., Ltd.

Medical equipment



Life Innovation Center (LIC)

38 AS ONE Corporation, Solution Research Laboratory

Commissioned Research/Analysis



39 BIOTEC LAB INC.

Specialized Trading Company



40 BrightPath Biotherapeutics Co., Ltd.

Drug Discovery/Drug Discovery Support



41 Cellab Healthcare Service CO.,LTD.

Regenerative Medicine



42 Cell Resources Co.,Ltd. Tonomachi CPC

Regenerative Medicine



43 DAI-DAN CO.,LTD.

Laboratory Instruments/ Equipment



44 DOJINDO Laboratories

Research and Development Support



45 Elixirgen Scientific Japan, Inc.

Drug Discovery/Drug Discovery Support



46 Gene Therapy Research Institution Co., Ltd.

Regenerative Medicine



47 Osaka Sanitary Co.,LTD.

Food/Beverage



48 KSP, Inc.

Incubation



49 Mitsubishi Logistics Corporation

Research and Development Support



50 PharmaBio Corporation

Regenerative Medicine



51 REPROCELL Inc.

Regenerative Medicine



52 Riken Genesis Co.,Ltd.

Analysis



53 Shiseido Co., Ltd.

Regenerative Medicine of Hair



54 Takara Bio Inc.

Research and Development Support



PeptiDream Inc.

55 PeptiDream Inc.

Drug Discovery/Drug Discovery Support



SB-KAWASUMI LABORATORIES, INC.

56 SB-KAWASUMI LABORATORIES, INC.

Medical Devices



KAWASAKI KING SKYFRONT TOKYU REI HOTEL



KAWASAKI CITY



INSTITUTE OF INDUSTRIAL PROMOTION

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Kawasaki Institute of Industrial Promotion

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