

Main KPIs in 10 years

- ① 2 companies Exit: IPO, M&A, etc.
- ② Create 20 university and technical college SUs per year, for a total of 100 companies by 2033

Universities and Technical Colleges Participating in TeSH

Primary Institutions



JAIST



Kanazawa Univ.



Kanazawa Medical Univ.



Ishikawa College



Toyama Prefectural Univ.



Univ. of Toyama



Fukui Univ. of Tech.



Komatsu Univ.



Hokuriku Univ.



Toyama College



Univ. of Fukui



Ishikawa Prefectural Univ.



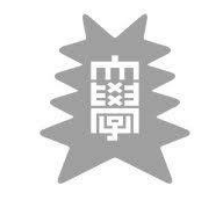
Kanazawa Institute of Tech.



Fukui College



Fukui Prefectural Univ.

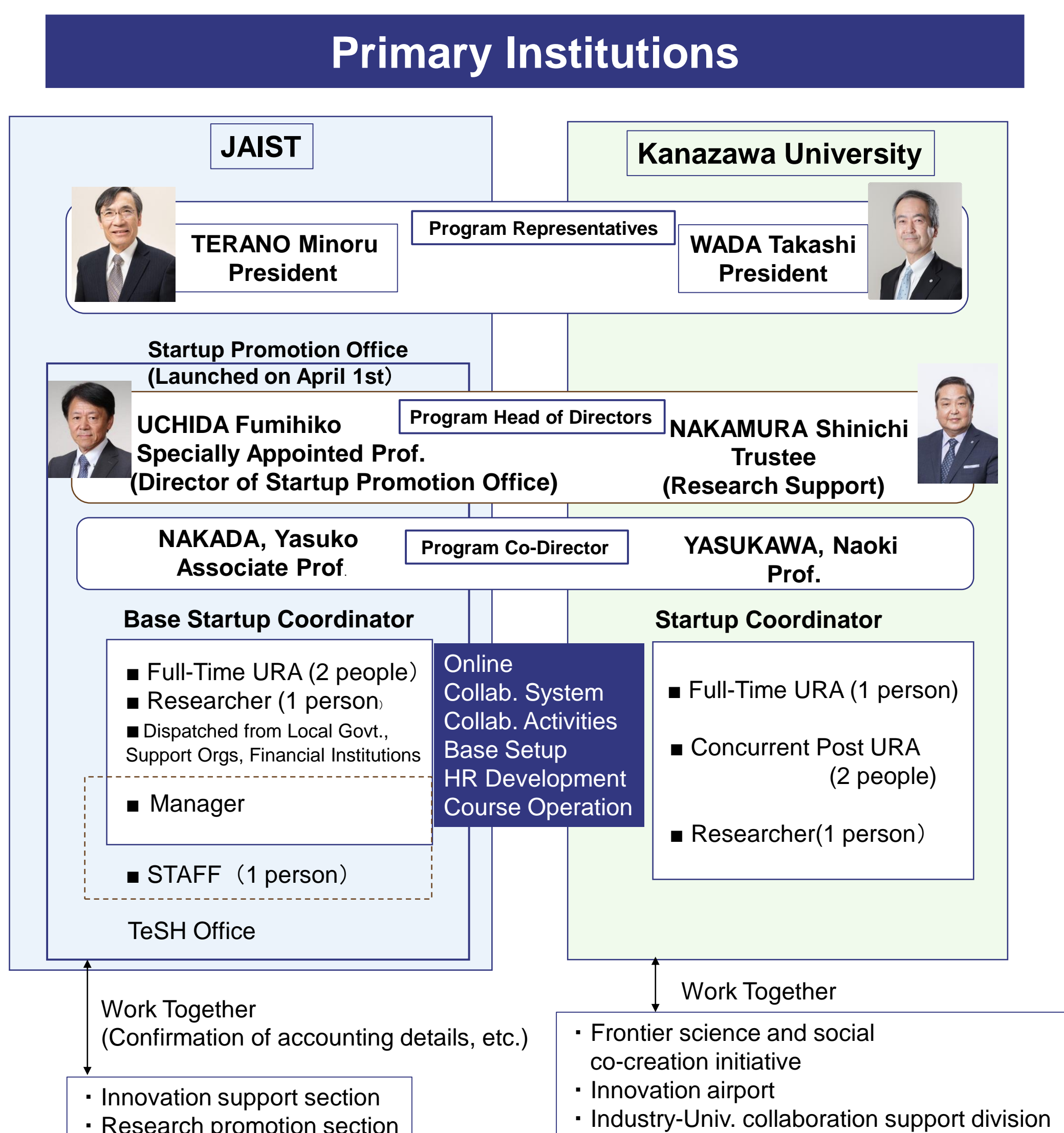


Kanazawa College of art

13 Universities & 3 Tech colleges
4 National Univ.
5 Public Univ.
4 Private Univ.
3 Tech colleges

Implementation Structure and Cooperative Organizations

Primary Institutions



Cooperative Organizations

Prefecture, Municipality, etc.

Toyama Prefectural Govt.
 Ishikawa Prefectural Govt.
 Fukui Prefectural Govt.
 Toyama New Industry Organization
 ISICO
 Fukui Industrial Support Center
 Kaga City

Economic Organization

Hokuriku Economic Federation
 SME SUPPORT JAPAN
 Chubu Bureau of Economy, Trade and Industry
 Chubu Bureau of Economy, Trade and Industry-Electricity and Gas
 Business Hokuriku Branch Hokuriku
 Industrial Advancement Center

Finance

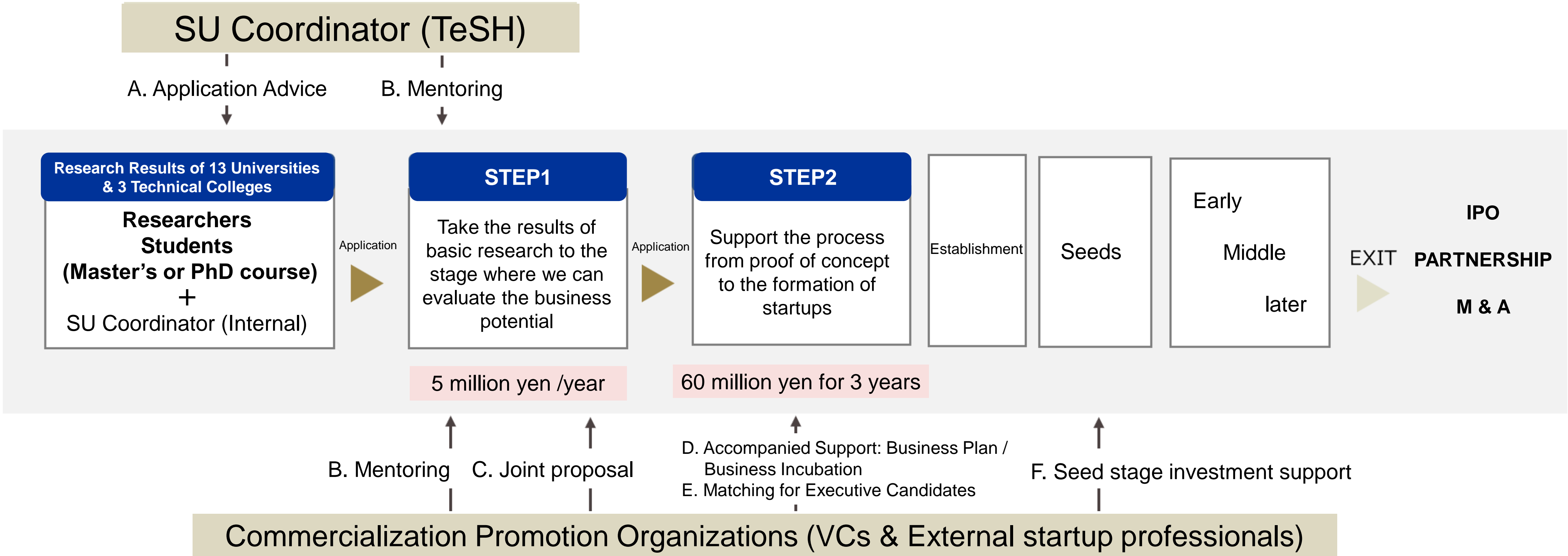
HOKURIKU BANK
 BANK of Toyama
 First Bank of Toyama
 DBJ Hokuriku Branch
 Fukui Bank
 Sumitomo Mitsui Trust Bank
 SMBC
 SMBC Venture Capital
 JP Bank

Private Company

NIHONKAI Lab.
 KDDI
 Asian Bridge
 HOKURYO DENKO
 BEING HOLDINGS
 I-O DATA
 ACTREE
 Hokuriku Electric Power Business Investment
 MEDIPAL HOLDINGS CORPORATION
 KIYOKAWA Plating Industry
 TATEYAMA KAGAKU
 NICCA CHEMICAL
 Sugino Machine
 KEC
 SHIBUYA CORPORATION
 Relic

Other

JETRO Kanazawa
 JETRO Toyama
 JETRO Fukui
 Mitsubishi Research Institute



Commercialization Promotion Organizations :26 organizations

VC, Kanazawa University	VC,CVC, Hokuriku	VC, Outside of Hokuriku	QB Capital Bio-Sight Capital DEFTA Capital MIRAISOZO INVESTMENTS Mitsubishi UFJ Capital HACK VENTURES AN Ventures UntroD Capital Japan SBI Investment Quantum Leaps Ventures
Vision Incubate	Hokuhoku Financial Group Fukui C&C QR INVESTMENT Carbon Ventures HED	KSP U TOKYO IPC INCUBATE FUND Beyond Next Ventures JAFCO ANRI SAMURAI INCUBATE Fast Track Initiative	
Academia-industry Collaboration Accelerator			
RICH Sojitz Institute of Innovative Technologies			

Adopted Research Themes for FY2024 TeSH GAP Fund

STEP1: 21 themes (announced July 12)
5 million yen/ year

Global Market Address Regional Issue

<Life Science: 9>

T1	JAIST	Commercialization of innovative nanoparticles for treating posterior ocular diseases through eye drops
T2	Kanazawa Univ.	Development of Digital Therapeutics for Eating Disorder
T3	Univ. of Toyama	Practical application of simple and high-performance cell sorting device
T4	Univ. of Toyama	Development of novel drugs based on the exacerbation molecular mechanism for the rare diseases that are no effective treatment
T5	Univ. of Fukui	Development of Therapeutic Agents for Retinal Ischemic Disease
T6	Fukui Prefectural Univ.	Oral administration of biopharmaceuticals via gastrointestinal absorption using abacterial polycationic peptides
T7	Kanazawa Medical Univ.	Business Development for Various Organ Cell Panels as Alternatives to Animal Testing, Combining Cellular Technology and Microphysiological Systems (MPS)
T8	Kanazawa Medical Univ.	Development and Commercialization of a Device for Mammalian Sperm Activation Using Specific Wavelength Light Irradiation
T9	Kanazawa Medical Univ.	Feasibility Study for the Commercialization of a Tissue Clearing Kit for Biological Specimens

<Technology, Environment, Others, : 12>

T10	JAIST	Business development of a harvesting robot arm and harvesting motion system mounted with a soft robotic hand
T11	JAIST	Business Investigation on a Safe and Efficiently Operable Drone with Tombo Propeller
T12	JAIST	Toward a World Free from Oxidative Degradation of Plastics — Discovering Synergistic Stabilizer Formulations through Ultra-Efficient Screening
T13	Kanazawa Univ.	Power supply capable of stable operation under extreme space environments
T14	Kanazawa Univ.	Creation of Space Semiconductor Business Using World's First Inversion-Layer Diamond MOSFET
T15	Kanazawa Univ.	Development of safe and eco-friendly chemical remediation methods for heavy metal-contaminated soils
T16	Univ. of Toyama	Biorefinery project utilizing high-performance fermenting fungi for second-generation biomass
T17	Toyama Prefectural Univ.	Developing a business model for nanoneedle patches
T18	Toyama Prefectural Univ.	AI Front Sensing Business
T19	Fukui Prefectural Univ.	Practical research plan for the hatchry-based aquaculture of mackerel (Project Name: SABAival PROJECT)
T20	Kanazawa Institute of Tech.	VTOL-type winged electric drone business with maximum payload of 50 kg and range of over 50 km
T21	Fukui College	Smart Support System for Children with Special Needs and All Related Stakeholders

STEP2: 4 themes (announced December 13) 60 million yen for 3 years
<Life Science: 3 >

JAIST	QB Capital LLC	Transcendent Bacterial Cancer Therapy
Kanazawa Univ.	DEFTA Capital Inc.	Platform validation of drug discovery and diagnostics based on Ab-epitope profiling technologies in allergic diseases
Kanazawa Univ.	Vision Incubate Co., Ltd.	Establishment of large-scale production and quality control technologies for high-quality exosome formulations

<Technology, Environment, Others, : 1>

Kanazawa Univ.	Vision Incubate Co., Ltd.	Realization of next-generation film solar cell with low cost, long life, and high efficiency for GX Innovation
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