

PROJECT NOTE 2023

BioJapan

Regenerative Medicine JAPAN

healthTECH JAPAN



Index |

| | | |
|-----------|---|-----------|
| 01 | Outline | 03 |
| 02 | Programs / Events | 08 |
| 03 | Sponsors / Participants / Speakers | 14 |

01

Outline



BioJapan Organizing Committee ●

Japan Bioindustry Association ●●

Chairperson Keiko Abe

(Project Professor, Graduate School of Agricultural and Life Sciences, the University of Tokyo)

Japan Association for Techno-innovation in Agriculture, Forestry and Fisheries

Deputy Chairperson Koichiro Aramaki (Former Chairman, Kirin Holdings Company Ltd.)

Japan Biological Informatics Consortium

Deputy Chairperson Koichi Akahane (Corporate Advisor, Daiichi-Sankyo Co., Ltd.)

Japan Pharmaceutical Manufacturers Association

Deputy Chairperson Yasushi Okada (Representative Corporate Officer and COO, Eisai Co., Ltd.)

NPO Kinki-Bio-industry Development Organization

Deputy Chairperson Takaharu Tanaka (Former President, Hoshi University)

Research Institute of Innovative Technology for the Earth

Deputy Chairperson Kenji Yamaji (Professor Emeritus, The University of Tokyo)

Forum for Innovative Regenerative Medicine ●

Deputy Chairperson Ken-ichiro Hata (President and CEO, Japan Tissue Engineering Co., Ltd.)

JTB Communication Design Inc. ●●●

1986 Oct. 15-19



World's oldest biotechnology exhibition

BIO FAIR TOKYO

Purpose | Inform the general public of the current state of biotechnology in an easy-to-understand manner.

Organizer | Japanese Association of Industrial Fermentation (JAIF)
Bioindustry Development Center (BIDEC)

Exhibition

215

companies

16

countries & regions

Symposium

97 speakers (including 52 Japanese)

First keynote speaker:

Dr. James Watson

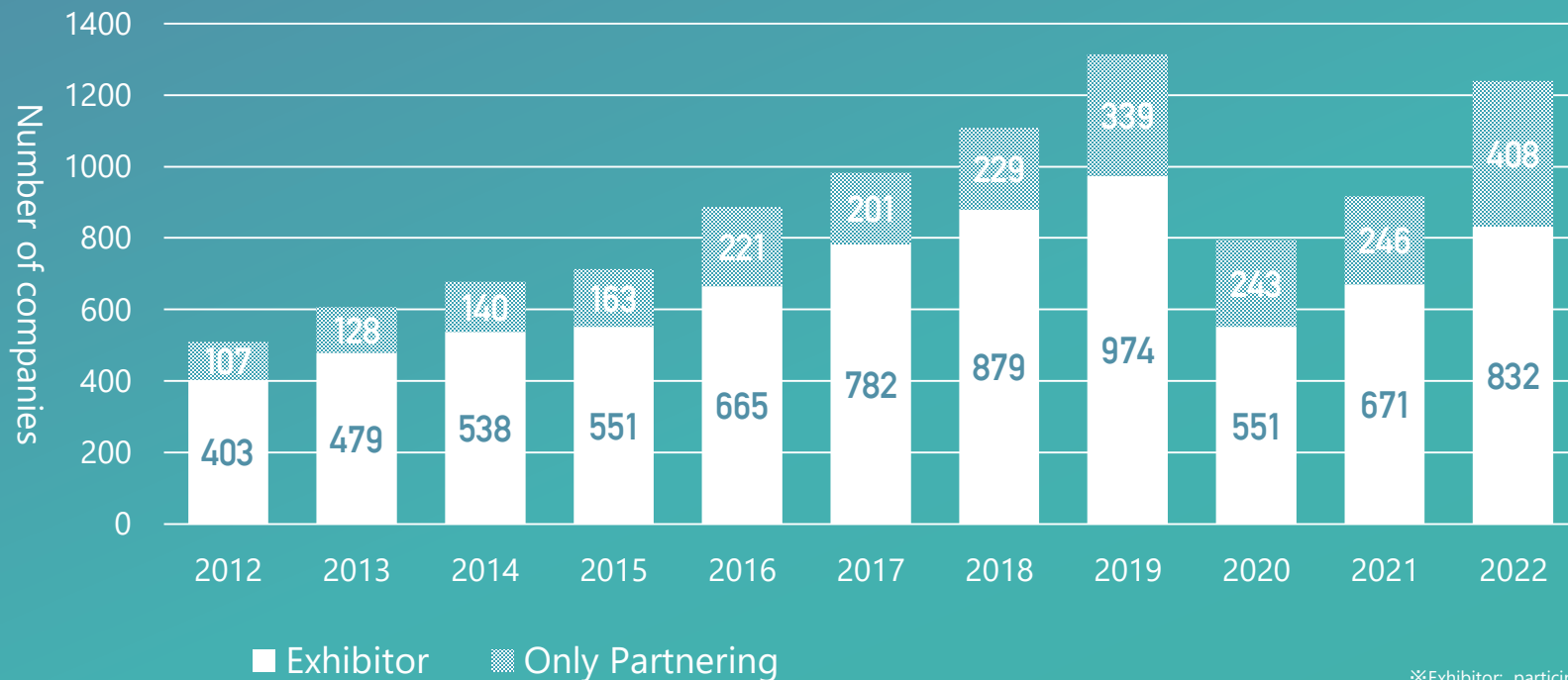
(Winner of the Nobel Prize in Physiology or Medicine in 1962)

2000s-

Became B to B Tradeshow

@Osaka → Tokyo → Yokohama ~ Up to 2022

SCALE



※Exhibitor: participate to the partnering
 ※Only Partnering: visitors who purchase partnering account

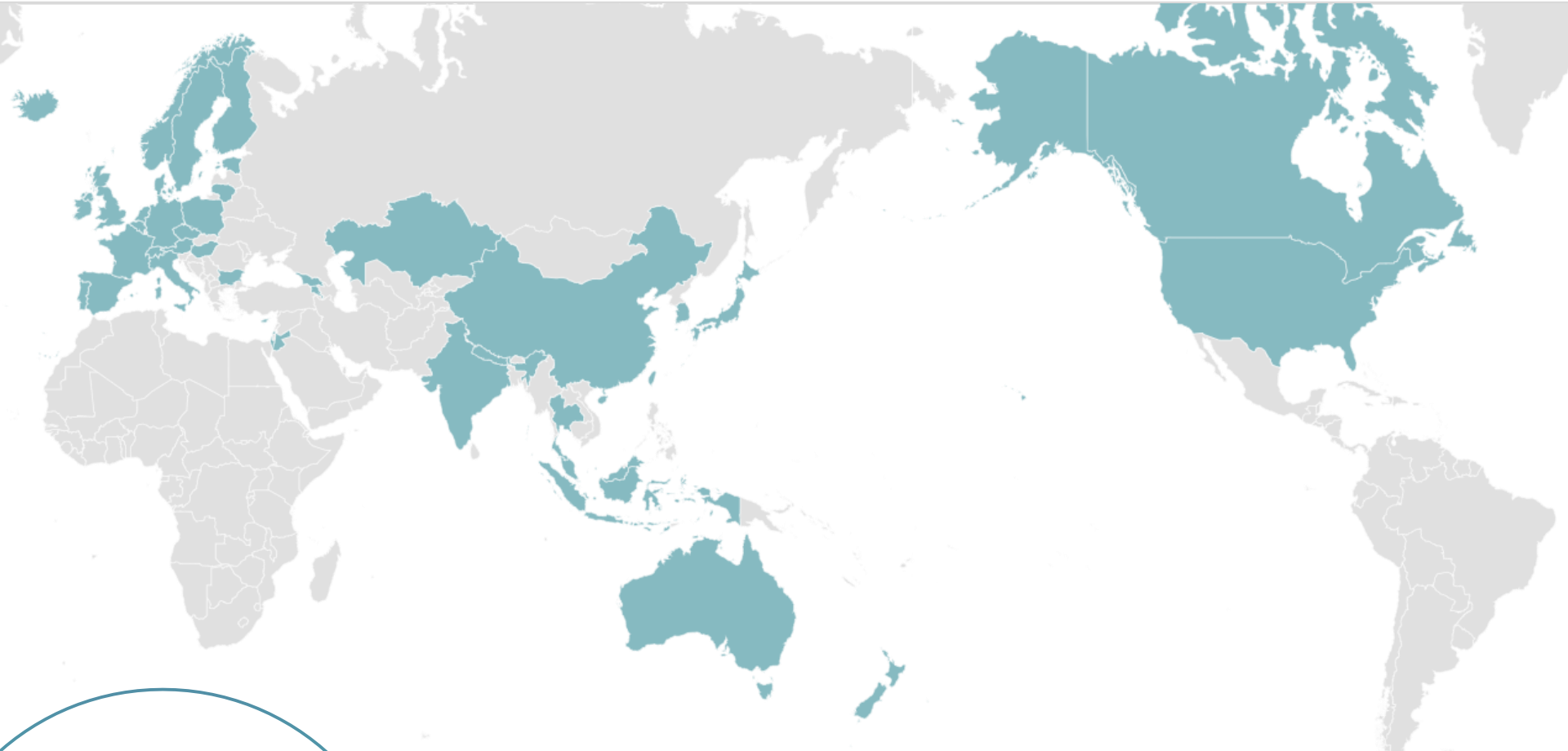
Exhibition

| Year | Companies | Booths | Countries & Regions | Visitors | Online |
|-------------|------------------------------|------------------------------|---------------------|---------------------------------|--------|
| 2022 | 832 (vs. '19: 85%) | 707 (vs. '19: 96%) | 27 | 15,813 (vs. '19: 90%) | — |
| 2021 | 671 | 506 | 13 | 14,891 | 458 |
| 2019 | 974 | 736 | 26 | 17,512 | — |

Partnering

| Year | Companies | Participants | Countries & Regions | Meetings Held |
|-------------|--------------------------------|---------------------------------|---------------------|----------------------------------|
| 2022 | 1,240 (vs. '19: 94%) | 2,253 (vs. '19: 116%) | 35 | 15,134 (vs. '19: 126%) |
| 2021 | 917 | 1,588 | 26 | 11,246 |
| 2019 | 1,313 | 1,945 | 34 | 11,987 |

COUNTRIES & REGIONS (2019-2022)



43

**COUNTRIES
& REGIONS**

Asia & Oceania

Israel, India, Indonesia, Australia, Kazakhstan, South Korea, Singapore, Thailand, Taiwan, China, New Zealand, Japan, Nepal, Hong Kong, Malaysia, Jordan

Europe

Ireland, Armenia, United Kingdom, Italy, Estonia, Austria, Netherlands, Cyprus, Georgia, Switzerland, Sweden, Spain, Czech Republic, Denmark, Germany, Norway, Hungary, Finland, France, Bulgaria, Belgium, Poland, Portugal, Lithuania

North America

United States, Canada

02

Programs / Events

Exhibition

○BioJapan ○Regenerative Medicine JAPAN ○healthtech JAPAN

A place for free communication at the booth inside the venue.

Over **1,000 companies / academia** gather each year, including every major large **Japanese Pharma** and rapidly growing **startups**.

Partnering

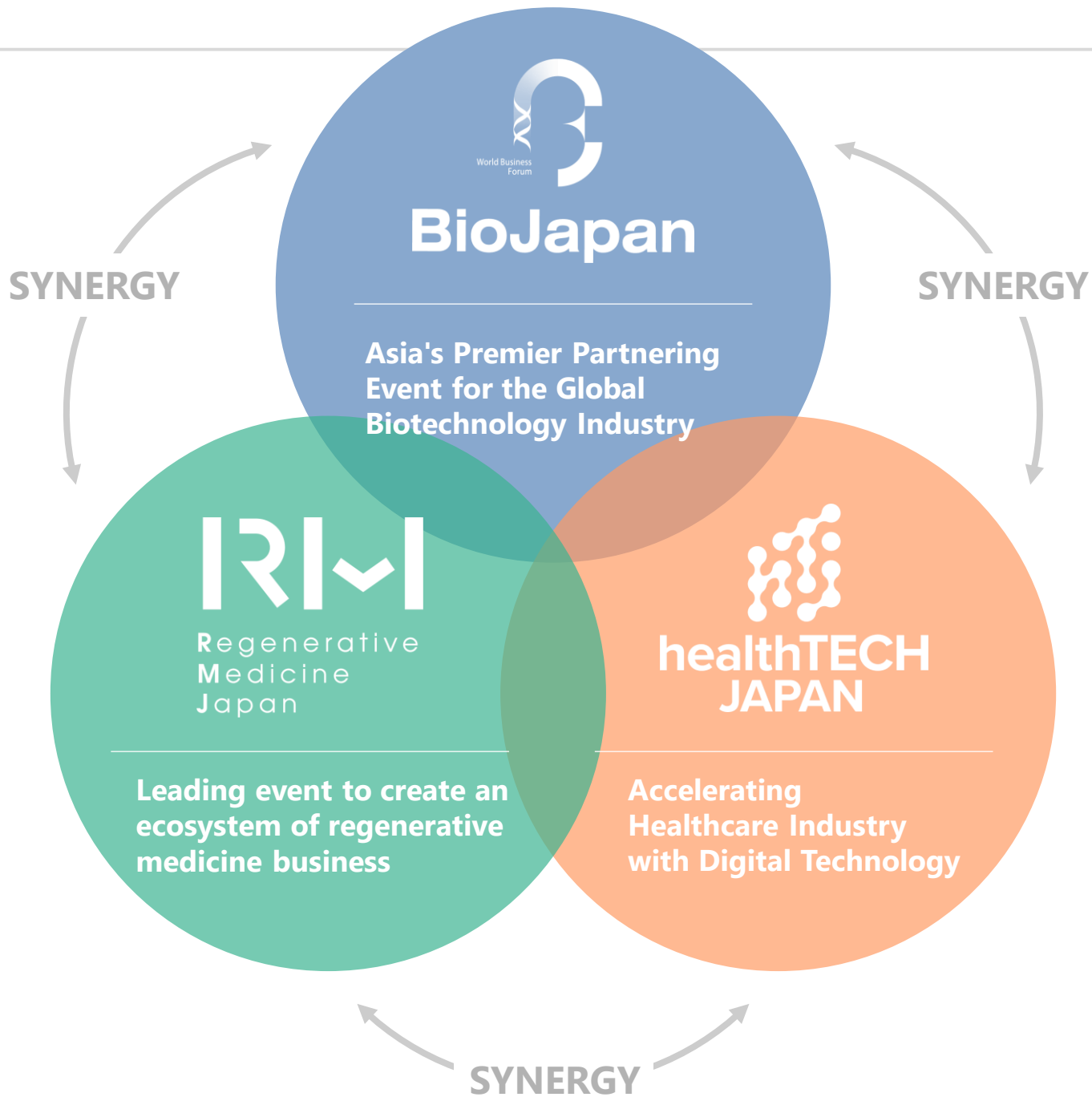
The system **automatically** sets **1 on 1 meetings** including the date, time and place, and efficient business negotiations can be set.

This Hybrid style partnering system (both of digital & in-person meetings are available) enabled over **11,000 meetings** took place in 2021, and more and more numbers of meetings will take over in 2022!



Seminar

Inviting top researchers and companies that are attracting attention in the industry to provide one-stop information on **cutting-edge technology**, the **latest information**, and industry **trends**. Approximately **200 seminars** by the organizer and presentations by the exhibitors will be held.





BioJapan

Asia's Premier Partnering Event for the Global Biotechnology Industry

First edition was held back in 1986 and is the world's oldest event with a focus on biotechnology.

Biotechnology is expected to be applied in a wide range of fields such as drug discovery, personalized medicine, regenerative medicine, diagnostic / medical equipment, research equipment / reagents, as well as environment / energy and functional foods in recent years.

BioJapan will accelerate open innovation in the biotechnology industry through exhibitions, seminars and partnering programs.

Participants Categories



Drug and drug discovery

Small-molecule drug, biologics, and vaccine / Drug delivery system (DDS) / Pharmaceutical ingredients



Research devices, reagents, disposables and facilities

Research devices / Bioinformatics / Bioimaging / Research-use reagents including chemicals, nucleic acids, proteins, and antibodies / Research-use disposables including chips, plates, columns, and membranes / Contract services for raising laboratory animals / Equipment, facilities, and factories



Bio-clusters, government and public support



Universities and institutes



Medical treatment, diagnostics, and medical devices and equipments

Gene therapy / Regenerative medicine encompassing cells, culture solutions, culture mediums, reagents, etc. / Immunotherapy / Genetic testing / Diagnostic imaging / Biomarkers / Medical devices / Microchemicals for micro total analysis systems (TAS), biochips, biosensors, etc.



Drug Discovery support and contract services

Drug synthesis services / Analysis contract services / Chemical compound libraries and screening / Contract services for raising laboratory animals and conducting animal testing / Contract manufacturing organizations (CMOs) / Contract research organizations (CROs) / Site management organizations (SMOs) / Corporate research support software and laboratory information systems



Environment and energy

Biomaterials and bioenergy / Biomass plastics / Environmental restoration, waste processing and recycling / Environmental testing



Chemical products and cosmetics

Biorefinery / Cosmetics including raw materials and finished products / Chemical products including raw materials and finished products



Intellectual property, legal, and financial services

Patent offices and services covering patents and intellectual property / Law firms and legal services / Venture capital and institutional investors / Stock exchanges and securities companies / Accounting firms



Food, agriculture, forestry, fisheries, and livestock raising

Functional food and food ingredients / Food additives and food-use enzymes / Food testing / Breed improvement / Incubation, cultivation, and preservation / Veterinary medicine and vaccine



Leading event to create an ecosystem of regenerative medicine business

Efforts for research and its practical application are becoming active especially after the 2012 Nobel Prize in Physiology or Medicine by Professor Kyoto University and also with the establishment of the "Regenerative Medicine Laws and Regulations" in 2014. However, although the R&D market for advancing regenerative medicine technology has been rising for a long time, the current issue is that there are few products on the market in Japan compared to Western countries and South Korea. Not only as an exhibition where cutting-edge research, results, products and technologies are gathered, but also through holding many global seminars and conducting business negotiations using a matching system that has the only functionality in Japan's exhibition. We will accelerate the practical application and industrialization of medical treatment.

Participants Categories



Regenerative medicine

ES cells / iPS cells / cell sheets / artificial cartilage, skin, etc./biomaterials/tissue engineering / reagents / Cell culture equipment / culture material / cell bank / cell marker / cell separation / cell processing equipment / incubator / gene analysis / bioinformatics / Bioimaging / Biomaterials / Bioprinters / Cell sheets / DDS / 3D culture technology / 3D printers / Gene editing / treatment / sterilization / sterilization equipment / clean room / validation / regulatory science, etc.



Culture medium / reagents

Stem cell culture medium, iPS cell culture medium, mouse ES cell culture medium, serum, hematopoietic stem cell culture solution, lymphocyte culture solution, human ES / iPSC culture reagent, RNA isolation reagent, protein engineering reagent, genetic research reagent, cytokine / growth factor research reagent, immunology / cell research reagent, hematopoietic precursor cell culture reagent, growth factors, etc.



Analysis / System and Tools

Cell markers / cell separation, gene transfer vector, gene analysis / bio informatics, biomechanics, molecular imaging, tissue engineering biomaterial, signal transduction / control, quality control (assessment), processing, preservation (freezing / defrosting), probe arrays, DNA chip, protein chip, biosensor / actuator, biodegradable material, microTAS, DNA sequence analysis, DNA microarray, analysis software, etc.



Cell production / culture technology / products

ES cells, iPS cell, pluripotent stem cell, cancer stem cell, somatic stem cell, mesenchymal cell, hematopoietic stem cell, cell preservation / cell bank, differentiation induction, cell proliferation / differentiation factor, chemokine, angiogenesis, cell sheet, 3D culture technology, artificial organs / tissues, cell transplantation / transfer, bone marrow, cord blood, artificial skin, chondrocyte culture, antibody generation, gene cloning, synthesis service, various cell strains, etc.



Drug discovery

Cell for use in drug discovery research, disease-specific iPS cell, liposome/polymer micelle/nanogel, etc., DDS, gene therapeutics, cancer therapy vaccine, undifferentiated cell culture/compound differentiation induction, candidate substance screening, iPS cell bank, etc.



Equipment, etc

Cell culture & processing facility, cell culture equipment /culture base material, cell counting devices, automatic cell observation equipment, in-vivo gene transfer equipment, fluorescence microscopes, electron microscope, nextgeneration sequencer, petri dish, cell transport / preservation, system /package, model animal, regulatory science/ ethics / law, immune response control using regulatory T cells, bio 3-D printers, etc.



Accelerating Healthcare Industry with Digital Technology

With the current status, we understand this is a difficult time for all of us and it is affecting people's connection in different ways, bringing a constant stream of changes. healthTECH JAPAN wants to ensure they keep the community connected in such this situation.

As an accomplishment on the goal, this is what our digital platform offers your business to help the necessary precautions to be integrating between healthcare and digital technology as follows; Through developing alliance partners of AI drug discovery, or to find most preferred users of medical device and digital treatment apps. Plus, all of you can expect your business synergies with BioJapan as a concurrent, one of the largest partnering events in Asia.

Participants Categories



Digital Health

Presymptomatic disease, Health care, Epidemic disease prediction and measurement, Wearable device, Lifestyle apps, Vital information monitoring, Vital sensing, Electronic medical record systems, Patient portal, Diagnostic management tools, Functional foods, Digital insurance, Remote home care, Health support service, Personal health record



Digital Therapeutics (DTx)

Non-pharmacotherapy systems (disease treatment apps), Adherence products (disease management apps), Real World Data, Health function improvement and prevention apps, Security software, Cloud



Digital Medicine

Digital biomarker, Digital diagnostics, Remote diagnostics, Remote patient monitoring, Medication adherence tool, Drug device combination, Drug delivery system



Digital Bio

AI for Drug Discovery / Deep learning, In silico discovery, Drug discovery platform AI image analysis, Personalized medicine / Real World Data, Genomics data Genome analysis / Genome editing, CRISPR-Cas9, Next generation sequencer Genetic testing, Cloud

Sponsors / Participants / Speakers

2022 SPONSORS

Platinum Sponsors



Gold Sponsors



Silver Sponsors



2022 SPONSORS

Bronze Sponsors



Media Partners



Global Partners






PARTICIPANTS - pharmaceutical companies (domestic)

alfresa

AsahiKASEI 旭化成ファーマ株式会社

 **astellas**

 **あすか製薬株式会社**

すべての革新は患者さんのために
 **中外製薬**
 **ロシュグループ**


Daiichi-Sankyo

 **EAファーマ株式会社**


Eisai

 **富士薬品**

FUJIFILM
Value from Innovation

ひとの
ときを、
想う。 

明日の健康を見つめる
 **キッセイ薬品**

kmb


Kowa

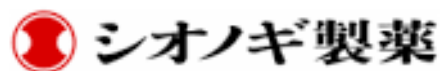
 **極東製薬工業株式会社**

Kyorin 

meiji
Meiji Seika ファルマ株式会社

 **田辺三菱製薬**

PARTICIPANTS - pharmaceutical companies (domestic)



PARTICIPANTS - pharmaceutical companies (global)

abbvie

AstraZeneca 



 Biogen

 Bristol Myers Squibb™

 Boehringer
Ingelheim

Lilly

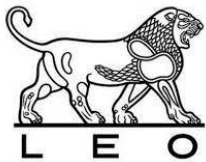
 Roche

FERRING
PHARMACEUTICALS

 gsk

janssen 

Johnson & Johnson



Lundbeck 

Merck Serono
Living science, transforming lives

 MSD

 **Pfizer**
ファイザー

SANOFI 

 **SERVIER**

 ucb

NEXT SHOW



2023.10.11 (Wed.) – 13 (Fri.)

PACIFICO Yokohama

Contact

Secretariat of BioJapan / Regenerative Medicine JAPAN / healthTECH JAPAN
c/o JTB Communication Design



biojapan@jtbcom.co.jp / saisei@jtbcom.co.jp / healthtech@jtbcom.co.jp