

About JBA

History

JBA's roots date back to Shusei Kyokai (the Distilled Spirits Institute) established in 1942. Its name, after being changed to the Japanese Association of Industrial Fermentation, was renamed as Japan Bioindustry Association (JBA) in 1987.

Members

Corporate members: 227 companies (pharmaceutical, food, chemical, cosmetic and machinery companies)
Public members: 114 organizations
Individual members: approx. 600 (university and corporate researchers)

Board of Directors

Chairman
Sakayu Shimizu
Professor Emeritus, Kyoto University

President
Osamu Nagayama
Chairman & CEO,
Chugai Pharmaceutical Co., Ltd.

Executive Director
Yoshiaki Tsukamoto

Profile of Japan Bioindustry Association



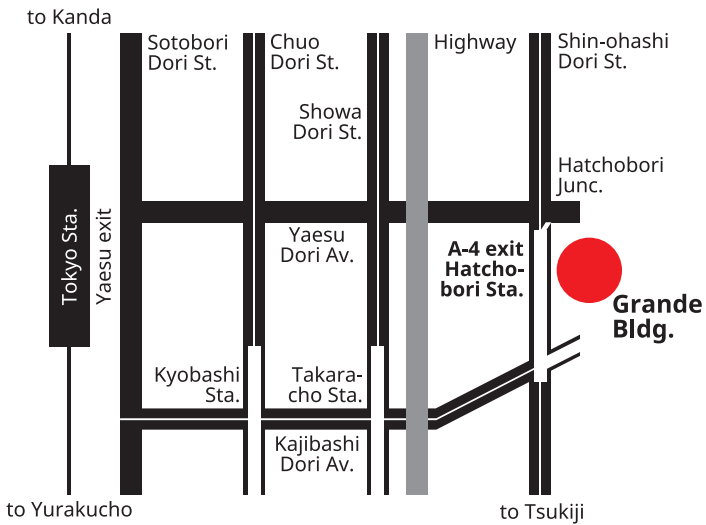
Japan Bioindustry Association

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Access



Vision

16 years have passed in the 21st century, which is said to be the Era of Biotechnology. During this period, not only has traditional biotechnology deepened, but also a variety of new technologies based on molecular biology and cell biology has emerged. Although the shift is gradual, these technologies are taking root in various industries and are making a large impact on businesses dealing with the environment, food supply, chemical industry, healthcare, and medicine. However, many of these technologies are still in the preparatory stage, and there is a sense that we still must overcome a big hurdle before the bioindustry becomes a core industry in true sense.

Biotechnology employs functions unique to living things and has unexpectedness and ambiguity as prominent characteristics. Many things go against our wishes or expectations, and there are many things we do not understand well enough. Furthermore, at the leading edge of R&D, there is rapid growth of new technologies competing for priority rights, just like the growth point of a new bud. However, it usually takes time for new technologies to be actually implemented, just as it takes time for sprouts to grow up to be big trees. We need to be aware that such new technologies cannot reflect present needs immediately and so require social understanding and people's patience. It may be the time to accumulate scientific facts and build up "Bio Power", the ability for society as a whole to utilize the knowledge of biotechnology.

Fortunately, the core technologies of Japan, such as fermentation and plant breeding, are being broadly applied to a wide range of diverse industrial fields, and retain competitiveness in new technological fields that are rapidly growing in the advanced countries. If we employ the full potential of Japanese "Bio Power", we may be able to lead the world in promising directions. As we progress further in this new Era, I believe that the roles of the Japan Bioindustry Association (JBA) will become increasingly important.

Sakayu Shimizu, Ph.D.
Chairman,
Japan Bioindustry Association



Mission

We build foundations of bioindustry development and make advances in people's lives

Solving issues faced by all mankind requires a strategy and policy to utilize outcomes of fundamental research of Japan. One important mission of JBA is to promote revision of regulations on scientific grounds and propose strategies requiring the collaboration of industry, academia, and government.

We also help establish collaborative structures involving international bio-related institutions to solve crucial global scale problems such as climate change and loss of biodiversity.

Science is developing at a faster rate, and open innovation is essential to help accelerate commercialization. We provide opportunities to strengthen collaboration among companies and academia by holding an annual event, BioJapan.

JBA organizes a basic framework for the growth of bioindustry and contributes to improvements in all of our daily lives.

JBA's 5 Actions

1 Policy Proposals and Dialogues

Promotion of bio-related policies

- Creation of a Bioeconomy Vision for 2030
- Policy dialogues (such as adaptation to Nagoya Protocol)

2 Advanced Biotechnology Agora

Discovery of Seeds/ Commercialization

Cooperation of the government, industry, and academia

- Seminars for providing information on advanced biotechnology
- Study group activities
- R&D project design

3 Promotion of Open Innovation

Cooperation with companies, support of business ventures

- Business seminars
- Support of collaboration among bio-related parties

5 Bioindustry Infrastructure Establishment

Enhancement of working group activities

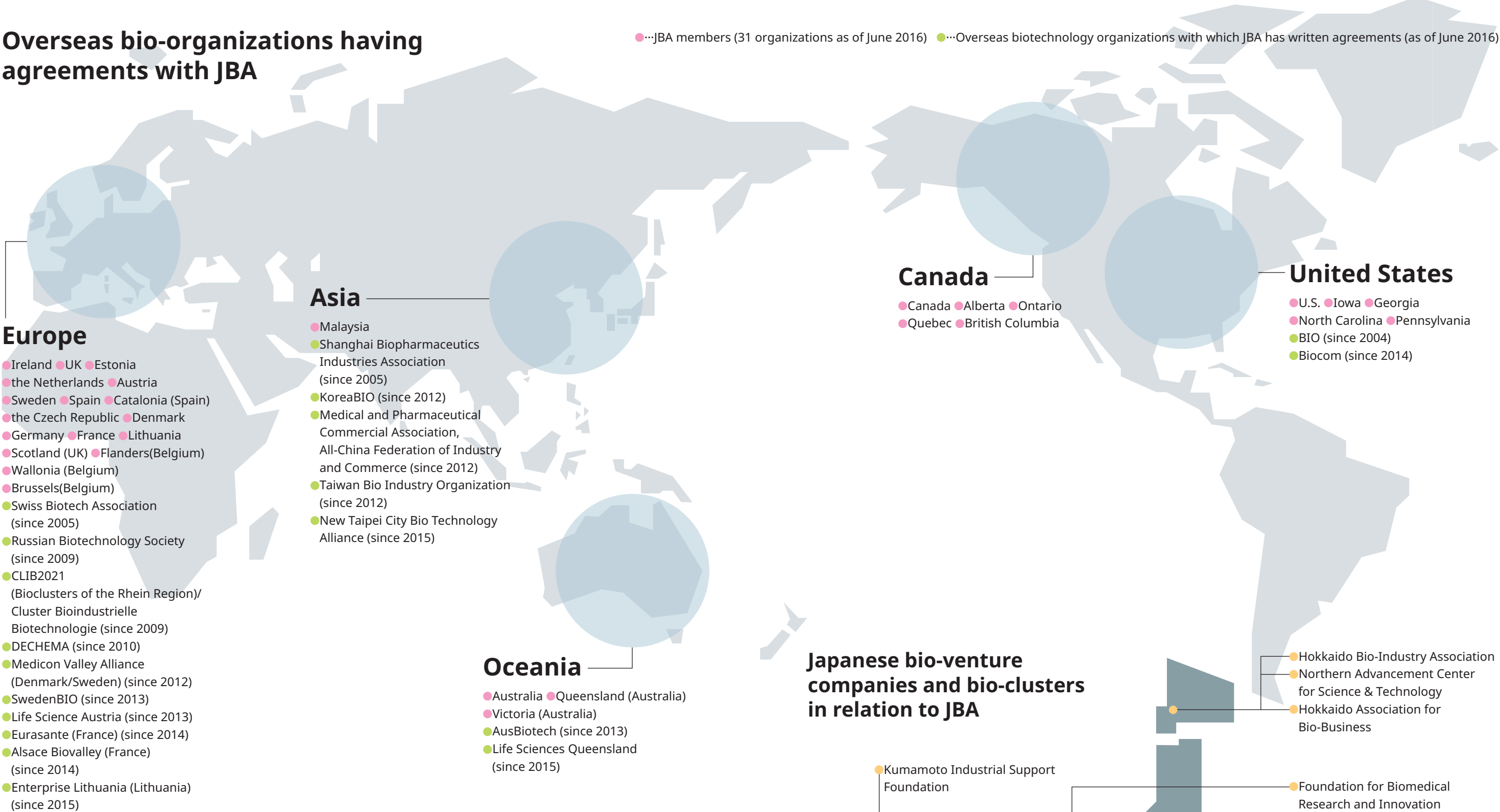
- Acceleration of new technology implementation
- Intellectual property committee activities
- Biotechnology human resources development
- Raising awareness of access to overseas genetic resources and benefit sharing

4 Global Networking and Framework Creation

Transmitting overseas biotechnology news and bio-related events

- Global cooperation-related seminars, BioJapan
- Members' communication

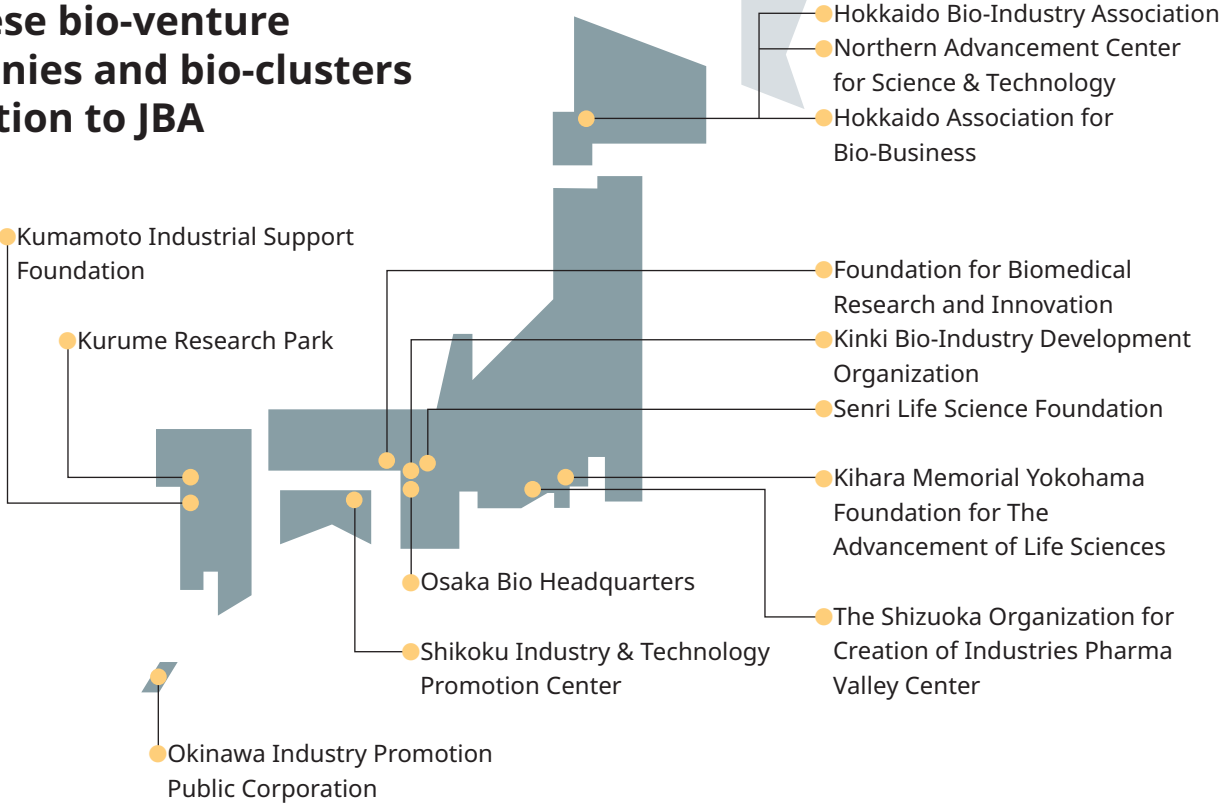
Overseas bio-organizations having agreements with JBA



Creation of International Network

JBA provides international information on biotechnology and bioindustry in cooperation with member companies, universities, and the government.

Japanese bio-venture companies and bio-clusters in relation to JBA



Acceleration of Open Innovation

JBA provides opportunities to help the development of biotechnology and industry.

Asia's
No.1
Partnering
Event!



Exhibition

Partnering

Seminar



BioJapan



Regenerative
Medicine
Japan

JBA holds the partnering bio event BioJapan and the Regenerative Medicine Japan as key business platforms.

Policy Proposal of Japan's Bioeconomy Vision

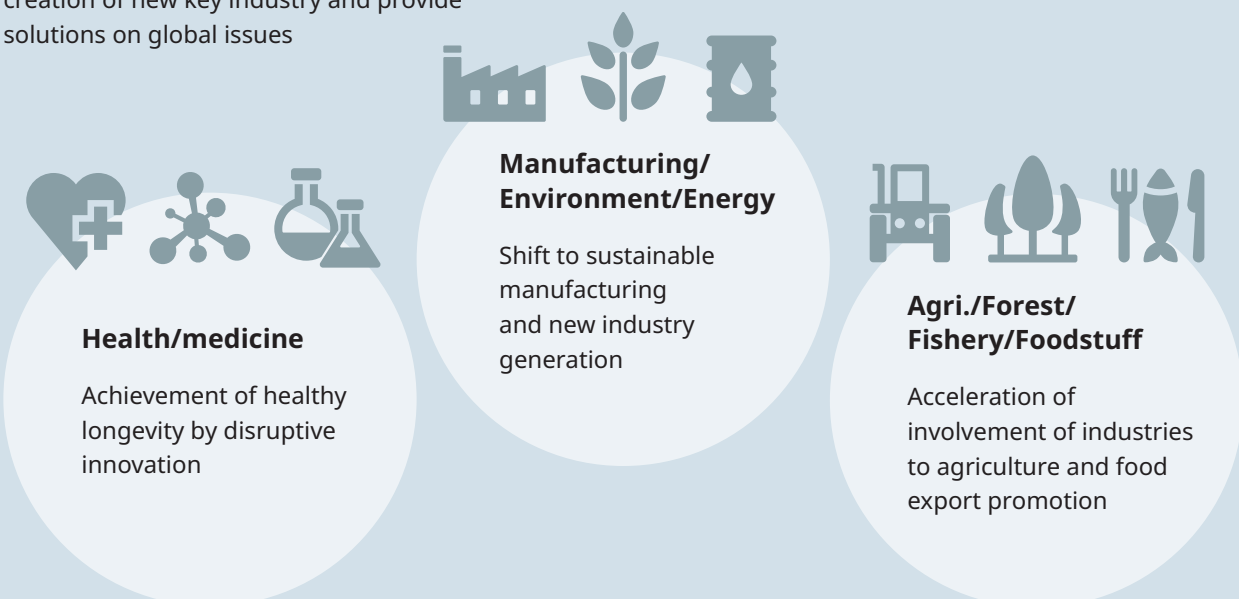
JBA together with JABEX created the "Bioeconomy Vision of Japan for 2030: Bioindustry's Contribution to Enhance Adaptation to the Changing World", aiming to achieve a 40 trillion yen new market. This Vision covers global environment issues, international policy and biotechnological trends in health, manufacturing, agriculture, and food business sectors.

The Vision describes key technology that is required, collaboration among government, industry and academia, an innovation ecosystem, human resource development, communication to society, and contributions to the rest of the world. JBA is working on sharing these ideas with relevant people in order to realize the Vision.

Bioeconomy Vision of Japan for 2030

Bioindustry's social contribution to creation of new key industry and provide solutions on global issues

Economical benefit (market size):
40 tril yen, GDP: 20 tril yen,
Employment 80 mil. jobs



Support for Internal Bio-Venture Companies and Bio-Clusters

Giving support to bio-ventures, and collaborative activities among bio-related parties

Exchanges and cooperation among industry, academia and government are promoted through information exchanges and cooperative activities utilizing JBA's network linking biotechnology organizations and clusters all over Japan.

Conference of bio-related parties

The conference considered the strengthening of the network linking the primary organizations for industry-government-academia co-operation in biotechnology in all the regions of Japan. It shares information among these organizations, and future guidelines, with the aim of establishing a system where these organizations cooperate closely.

Biocluster summit

Biotechnology organizations from various countries gather in Japan to have deep discussions on the spirit of entrepreneurship, securing core human resources, and the importance of the formation of networks among companies and among entrepreneurs.