

## Korea Bio-Economy Research Center: Innovating Data into **Strategy and Business**

Korea Bio-Economy Research Center (KBERC) was founded by KoreaBIO (Korea Biotechnology Industry Organization) as a future-oriented Think-Tank for developing bio-health industry and bio-economy in Korea. KBERC helps build the ecosystem that enables the sustainable growth of Bio-Economy through innovating high-quality data into strategy and business. Furthermore, KBERC as a global bio-economy think-tank supports the bio-health industry in Korea to develop into the leading industry and to play a central role in bio-health age through facilitating various global networking projects including that among Korea, China, and Japan.

### **Major Activities**

- (1) Bio-health Industry Trend Analysis and In-depth Study
- O Bio-health industry analysis report
- Bio-Economy Brief: Trend brief on global bio-health R&D, market, and economy, etc.
- Bio-Economy Report: Comprehensive issue and strategy report on bio-health R&D, market, and economy, etc.
- O Bio-Economy Research
- To simulate the effects of policy alternatives
- To measure optimal investment simulation
- To measure global bio-economy innovation ranking

#### (2) Global Business Development

- To establish Korea-China-Japan Bio-Economy Innovation Initiative
- Comparative analysis of bio-health markets among Korea, China, and Japan
- Open Bio-Economy Innovation Seminar
- O To Participate in International Bio-health Industry Conferences
- BIO International Convention (USA), BioJapan, etc.
- To promote partnerships and open joint-forums
- Embassies in Korea, etc.
- To consult a bio-health business development for developing countries
- (3) Smart Bio-Economy System
- O Data collection and partnering system of bio-health industry for global bio-health business development





Innovating Data into Strategy and Business







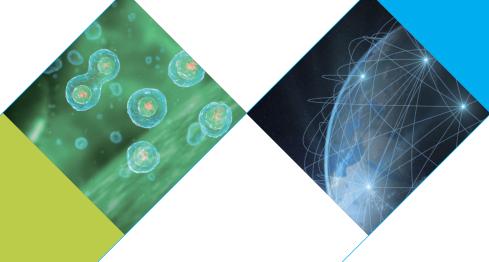
### Korea Biotechnology Industry Organization(KoreaBIO)

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The Core of Bio-industry

Korea **Biotechnology Industry** Organization





# President's Greetings

Welcome to Korea Biotechnology Industry Organization (KoreaBIO). Global market is expected to be expanded by (1) fusion with other industries such as informational technology (IT) and nanotechnology (NT), (2) growth of biopharmaceutical and genome industry, and (3) development of bio-based chemistry, which reproduce environment and energy.

KoreaBIO promotes the communication among domestic bio-related parties, and solve the bottleneck of industrialization to create a sustainable biotechnology industry ecosystem. According to the data of Bureau of Statistics based on 2015, the number of biotechnology companies in Korea are 978, which are slightly less in 1,000.

It is approximately needed by 1,000 startups shortly to meet the sustainable bio-health industry ecosystem. KoreaBIO recently launches 'Start-up 1,000 Fund' with government, biotechnology, and pharmaceutical companies to support the biotechnology start-ups. We are expecting 10 to 20-star venture companies, which have more than 100 billion dollars of annual sales from the 1,000 start-up ventures.

Korean biotechnology companies should look forward to global market. International business cooperation among Korea, China, and Japan will be mutually beneficial for each other. KoreaBIO will try to become a gateway to Asian biotechnology industry for bridging companies and nations of Asian Bio network.

KoreaBIO will always keep up with dynamic changes of biotech industry, perform a role of opinion leader in biotech industry through Korea Bio-Economy Research Center, think tank of KoreaBIO, and become an organization with can design the future of biotech industry.

Thank you.

Jeong-Sun Seo Story rung

President

Korea Biotechnology Industry Organizațion





Your reliable partner to build advanced biotechnology industry at the heart of Korea

## Bioindustry Survey & Public Relations Business

**To Support Programs** 

for Implementing the

– To support the national

implementation of the

To build capacity and to raise

awareness for responding to

Biological Weapons Convention (BWC)

Nagoya Protocol

Convention

- Survey research on domestic bioindustry
   Newsletter and online information service on Korean Bioindustry
- PR and e-marketing service for Korean Biotech Ventures



To Support Startup Ecosystem &

- To promote a sustainable startup ecosystem

To run programs for training biotechnology

To train students with natural sciences and

specialists such as bio-manufacturing GMP,

genome research, and digital healthcare, etc.

To retrain personnel of new biopharmaceutical

To Develop Human Resources





## Analysis of Bioindustry Trends and Issues

- To innovate data into strategy and business
- To publish bio-economy report & brief
- To provide the latest trends of global bioindustry



### To Support Bioindustry R&D Project

- To perform consortium type R&D project – To plan new bioindustry R&D
- project - To manage R&D project
- community

### To Establish the Global Bio Business Network

- To host KoreaBioPlus conference & convention
- To establish Korea-China-Japan bio-economy innovation initiative
   To participate in international biotech industry conferences &
- conventions
- To organize a Korea Pavillion at international conventions (US BIO, BioJapan, etc.)
- To establish a global biotech business cooperation with overseas trade associations and organizations

The Core of Bio-industry,
Korea Biotechnology Industry Organization





KoreaBioPlus conference has been held twice a year since 2015 in to support the commercialization of biotechnology and to drive out the major bio-business issues by sector.

The conference includes a wide range of players from industry, academia, research institutes, hospitals, government, and other organizations. It provides keynote speeches by global opinion leaders, experts forums on various topics to provide active networks, and the latest business information sharing opportunities.

2017 KoreaBioPlus conference will be held at Coex, Seoul, from October 22-23, 2017 and the proposed agenda will be Bio-Economy and Open Innovation, Biopharmaceutical Business & Issue, Medical Biotechnology, and Genome & Digital Healthcare, etc.

2018 KoreaBioPlus will be the most representative of Korean convention that consists of global bio-business conference and exhibitions.

	1 <sup>st</sup> (Domestic)	2 <sup>nd</sup> (Domestic)	3 <sup>rd</sup> (Domestic)	4 <sup>th</sup> (Domestic)	5 <sup>th</sup> (International)
Date	Jul. 2, 2015	Dec. 4, 2015	Jun. 30, 2016	Nov. 22, 2016	Oct. 22~23, 2017
Venue	Renaissance Hotel, Seoul	Renaissance Hotel, Seoul	Belle-Essence Seoul Hotel	Songdo Convensia	Coex, Seoul
Keynote	- Future strategy of Bio Industry in Korea and Major Bio Business Issues	- National strategy of Bio-Economy in Korea	- VC in Medical and Biopharma	- BioTechnology, Korea's Next Growth Engine? - Addressing the Skills Needs of the Biopharma Industry - Three National Strategies to Construct Korea into a Bio-Power Nation	- Global Bio-Business Issue - Global Biotech Trends
Agenda	- Bio Venture Investment/ Funding - Bio-Chemistry - Genomics/ Diagnostic/Medical device	- 2016 Forecasts by Bio-Pharmaceutical Sector - Bio Venture System - Smart Healthcare Promotion Strategy	- Biotech Business: Strategies for Reaching Global Markets - Bio-Economy: Bio- Startup & Open Innovation - Advances in Genomics Technology	- Global Bio Business - Bio-Pharmaceutical: Global CMO Business - Global Challenges in Nanomedicine	Korea-China-Japan     Bio Investment     Forum     Global Bio-     Pharmaceutical     Industry     Open Innovation for     Global Bio-Business     Genomics     Diagnostic     Smart Healthcare