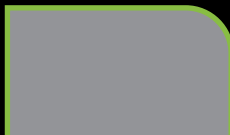
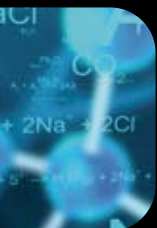




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Institute for Basic Science



Greetings

The Institute for Basic Science (IBS) is a newly established research institute in Korea that aims to brighten the future of mankind through basic scientific research.

IBS is the main organization of the International Science Business Belt (ISBB) project, which was established in Daejeon, the science town of Korea, in November 2011. It seeks to become “a research institute of scientists’ dreams,” where world-class scientists can do challenging research with the utmost freedom. We believe that scientists’ creativity is maximized in an open and autonomous research environment.

IBS hopes to bring world’s leading scientists in basic science fields together with young researchers to do collaborative research with passion and commitment. To this end, it will recruit principal investigators only based on their scientific excellence and creative ideas, rather than any pre-determined goals or practical usefulness.

Everyone at IBS, including myself, is fully committed to making IBS a world-class research institute by promoting the global scientific knowledge and fostering next-generation science leaders, and firmly believes that the future of mankind will be lightened through research on basic science.

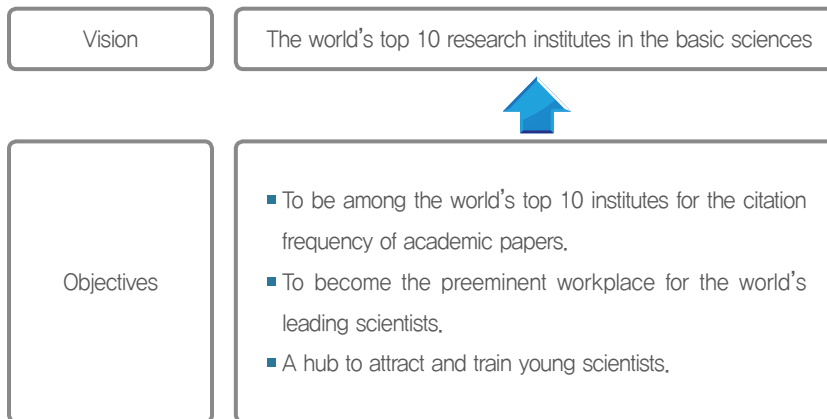
Thank you.



President
Se-Jung OH

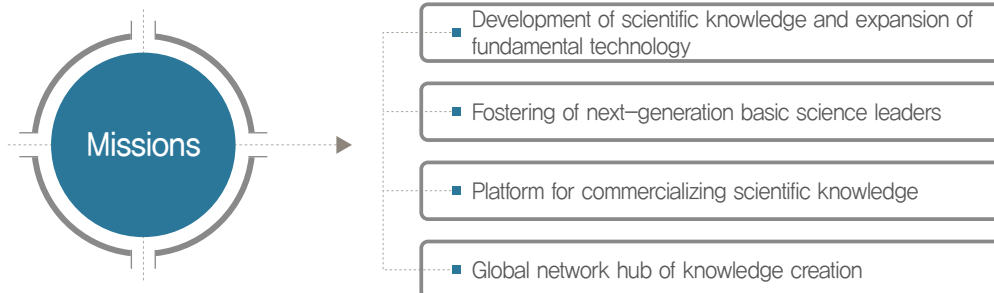
Background

The Institute for Basic Science (IBS) was established in Daejeon, the science town of Korea, in November 2011 under the goal to create a world-class research institute in the basic sciences, one which will rival the current world leaders such as MPG in Germany and RIKEN in Japan. The Korean government legislated on the Special Act of Development and Support for the International Science Business Belt in a bid to foster growth in the IBS project systematically. It has also devised and implemented the Master Plan of the Science Business Belt (confirmed in December 2011).



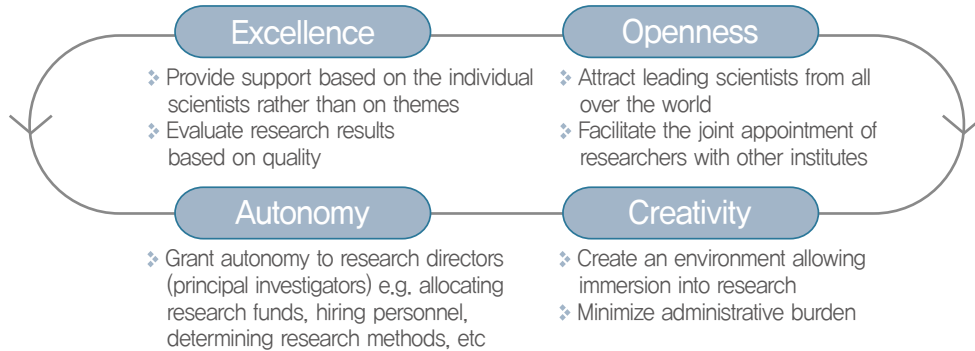
Purpose of Establishment

The main purpose for establishing IBS is to secure creative knowledge and fundamental technology for the future through world-class basic science research. We also plan to establish an outstanding research environment for scientists and foster next-generation leaders in basic scientific research. IBS will drive Korea, through the spearheading of Research and Development (R&D) in the basic sciences, to become a global hub for scientists.



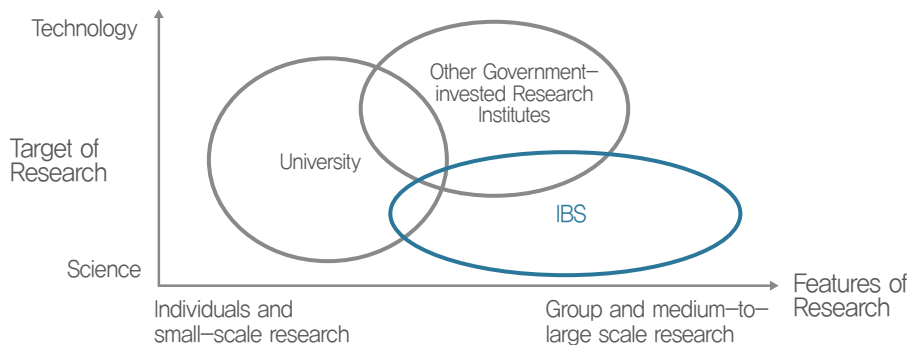
Core Principles

IBS' four operational principles are excellence, openness, autonomy and creativity that combine to build 'a research institute of scientists' dreams'.



Research Areas

IBS conducts research distinct from that which is conducted in universities or other government-funded research institutes, i.e. medium-to-large scale research, convergent research and massive equipment-based research, which must be carried out over the long term in the basic research stage.

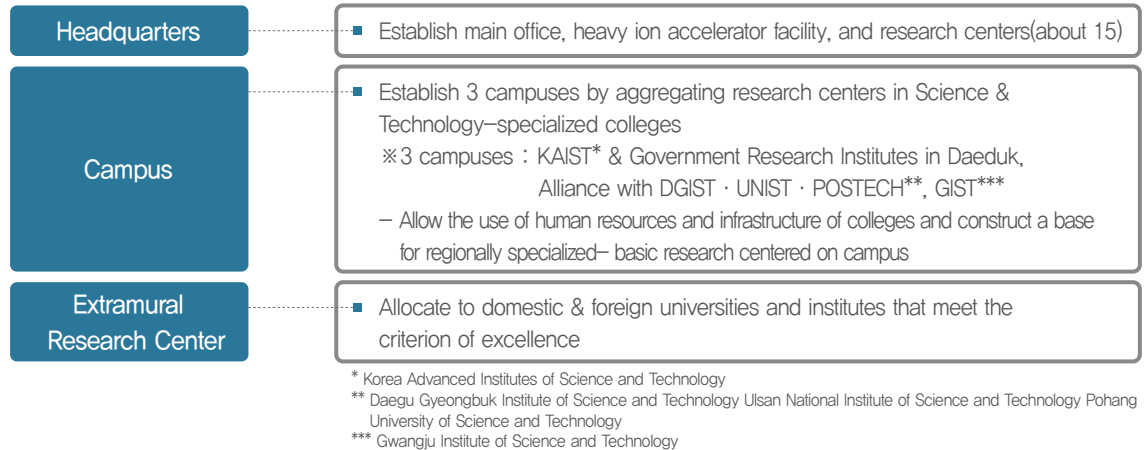


Scientific Advisory Board (SAB)

IBS has a Scientific Advisory Board (SAB), which is a consulting body for the key decisions made by the president of IBS in both research areas and administrative management. The Board includes 20 reputable scholars from both Korea and abroad in science and technology, humanities and social science.

Organization

IBS plans to develop into an institute with 3000 researchers and staff based in 50 newly established research centers by 2017. These research centers will be located not only at the headquarters in Daejeon, but also in three of the leading campuses in Korea. Moreover extramural research centers will be built in other universities and institutes in Korea and abroad that meet the high standards of scientific excellence.



Operation of Research Centers

IBS also aims to attract world-class scientists as directors (principal investigators) who will conduct research and supervise the operation of research centers. Directors are given the autonomy in researcher recruitment, budget administration and research center operation. Each research center will have about 50 researchers and staff with an annual budget of approximately USD 10 million, which can vary depending on research theme.

Directors are recruited through open invitation and scouting based on the criteria of scientific excellence and future research proposals. The Selection and Evaluation Committee (SEC) will be formed with scholars from Korea and abroad to screen directorial candidates. Subcommittees of SEC will select peer reviewers for paper evaluation and interviews; both of whom will conduct in-depth evaluation. SAB will also recommend the world's leading scholars.



Rare isotope accelerator

IBS plans to construct a world-leading accelerator facility for the science and application of rare isotopes by 2017, aiming to attract more than 1,000 users worldwide. Rare isotopes and stable ions heavier than a proton (helium, carbon, lead, uranium, etc.) are accelerated to the speed near that of light for the investigation of the scale smaller than an atom. The facility provides high intensity rare isotope beams to explore fundamental questions on nature such as the origin of elements in our universe and stellar evolution. It also provides a rich research program in material science, atomic physics, life science and future energy technology.

Investment Plans

IBS plans to establish 50 research centers by 2017. The Korean government is to invest in IBS by allocating a budget of about USD 3 billion from 2012 to 2015. The International Science Business Belt where IBS is the integral part will be invested in by about USD 4.5 billion by 2017.

Future Plans



Invitation

IBS invites applications for the position of a Director for a number of research centers. These centers will foster the growth of world-class basic science research in order to advance the creation of knowledge and the basis of future technologies.

Research Areas

- ❖ Top-tier, world-class basic science research will focus on large-scale and long-term group programs, presently not available at universities or government-supported institutes.

Requirements

- ❖ A candidate for the position of a director should have world-renowned research achievements, or should have the potential for such achievements.
- ❖ A candidate should be able to devote to research activities over a long period of time.
- ❖ A candidate should be capable of directing and managing a research group.

Our Offers

- ❖ Directors will be given autonomy in hiring and organizing scientific staff and carrying out research.
- ❖ Directors will be offered a tenure-track position at IBS, or a full-time professorship or a permanent position at a partner institute.
- ❖ The annual salary of directors will be decided upon negotiations with the President of IBS and will become effective upon signing the contract.

The Budget and Evaluation of Research

- ❖ The research budget will vary according to the research plan.
- ❖ An evaluation of research achievements will take place every three years and affect the support for center (the first evaluation will take place after five years).

Regulations for Research Implementation

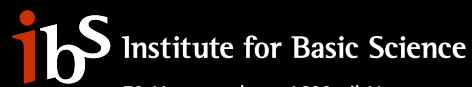
- ❖ Directors are required to work full time in their institutes and members of research centers are generally expected to conduct research at the location of the institute.
- ❖ On publications by researchers who participate in IBS research center programs, the IBS should be cited as the primary affiliation.

Procedures of Selection

Steps	Procedures	By
Candidate Recruitment	■ Open Invitation ■ Candidate recommendation from the Scientific Advisory Board (SAB)	President
Evaluation	■ Pre-screening of candidates for in-depth evaluation ■ Formation of review panels for each selected candidate ■ Peer review (open symposium & discussion, reference letter) ■ SEC's recommendation	Selection & Evaluation Committee (SEC)
Consultation and Appointment	■ Consultation with the Scientific Advisory Board (SAB) ■ Final choice of directors & negotiations ■ Appointment of directors	President

Application

You can apply for the position of director at any time. Please visit our website at <http://www.ibs.re.kr/en/apply> to download an application form.



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