ORGANIZATION OF THE NATIONAL INSTITUTE FOR BASIC BIOLOGY

The National Institute for Basic Biology (NIBB) is one of five independent institutes making up the National Institutes of Natural Sciences (NINS). NIBB, the Institute for Molecular Science (IMS) and the National Institute for Physiological Sciences (NIPS) are located on a hill overlooking the old town of Okazaki in Aichi Prefecture. NIBB was established in 1977 and its activities are supported by Monbukagaku-sho (the Ministry of Education, Culture, Sports, Science and Technology: Mext) of Japan. The Center for Integrative Bioscience (CIB) ñ renamed the Okazaki Institute for Integrative Bioscience on April 1st, 2004 ñ was established as a common facility for the three Okazaki Institutes in 2000 and opened in 2001.

Research

The NIBB conducts its research programs through 30 research units, 4 research support facilities including the Technology Department, and the Research Center for Integrative and Computational Biology. Each research unit has its own research project and is staffed (in principle) by a professor, an associate professor and two research associates. Each research unit forms an independent project team. Three of the research units are adjunct and headed by professors who hold joint appointments with other universities. Adjunct divisions have a resident research associate. This arrangement facilitates exchange in research activities in Japan. The Technical Department manages the activities of research technicians and helps to promote the research activities of each research unit and facility and to maintain the common research resources of the NIBB. The Department also undertakes the technical education of the various staffs.

Several members of the Okazaki Institute for Integrative Bioscience work jointly with the NIBB.

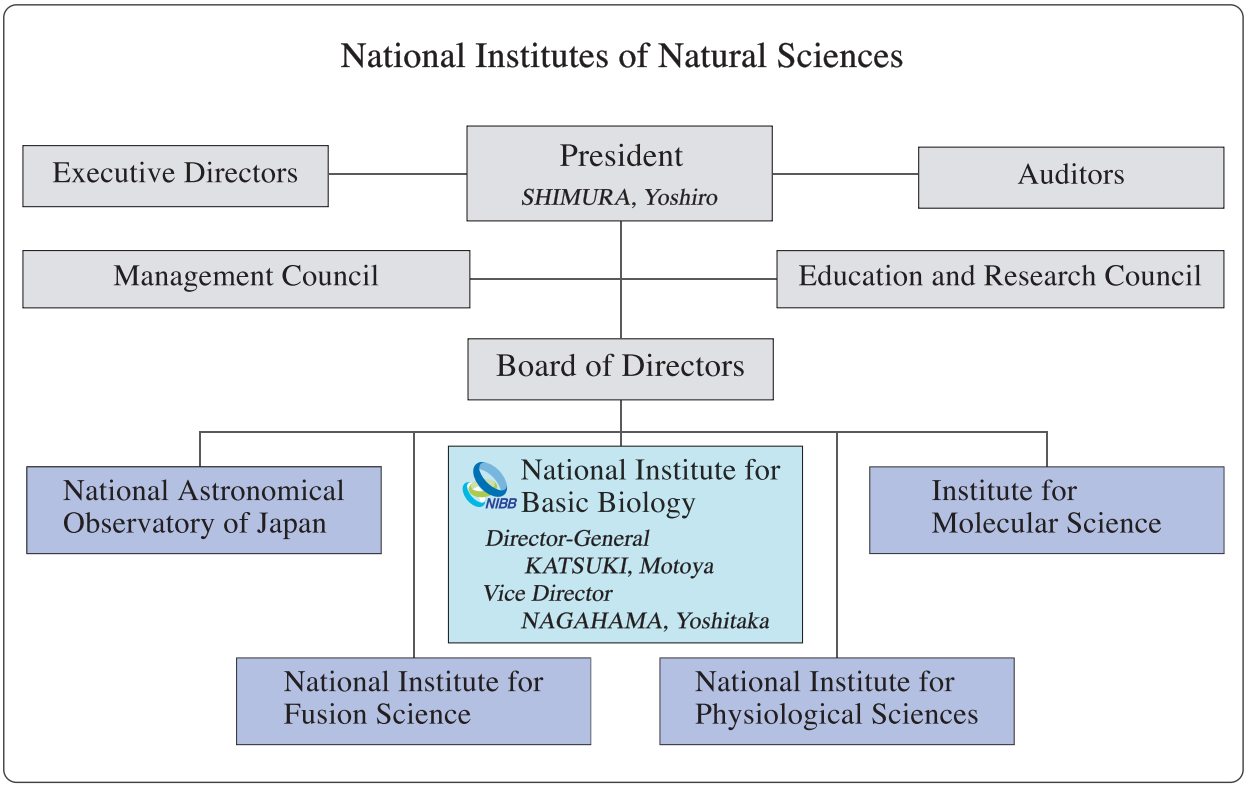
Research Support Facilities

The Research Support Facility of the NIBB consists of six sub facilities: the Large Spectrograph Laboratory, the Tissue and Cell Culture Laboratory, the Computer Laboratory, the Plant Culture Laboratory, the Plant Cell Laboratory and the Experimental Farm. The Research Center for Integrative and Computational Biology, the Center for Transgenic Animals and Plants and the Technical Division are also research support systems of the NIBB.

In addition, five facilities are operated jointly with NIPS: the Electron Microscope Center, the Center for Analytical Instruments, the Machine Shop, the Laboratory Glassware Facilities and the Low-Temperature Facilities. The Radioisotope Facilities, the Computer Center and the Animal Care Facilities are common facilities of the three Okazaki Institutes.

Campus

Together the three Okazaki Institutes cover an area of 164,783m^2 with four principal buildings. The NIBB's main research building has a floor space of 16,789m^2. Two-thirds of the space was completed in 1982 and the remaining third in June, 1983. The buildings that house the research support facilities were also completed in 1983. A building for the Laboratory of Gene Expression and Regulation (2,577m^2) was built in 1996. A building for the Center for Transgenic Animals and Plants (2,500m^2) was completed in November, 2003.



National Institute for Basic Biology

Research Unit

- **Cell Biology**
  - Division of Cell Mechanisms
  - Division of Molecular Cell Biology
  - Laboratory of Cell Structure
  - Laboratory of Cell Sociology
- **Developmental Biology**
  - Division of Reproductive Biology
  - Division for Sex Differentiation
  - Division of Morphogenesis
  - Division of Developmental Genetics †
  - Division of Molecular and Developmental Biology ††
  - Laboratory of Molecular Genetics for Reproduction
- **Neurobiology**
  - Division of Molecular Neurobiology
  - Division of Brain Biology
  - Division of Behavioral Biology (adjunct)
  - Laboratory of Neurophysiology
  - Laboratory of Neurochemistry
  - Laboratory of Director General
- **Evolutionary Biology and Biodiversity**
  - Division of Molecular Genetics
  - Division of Genome Dynamics
  - Division of Evolutionary Biology
  - Division of Speciation Mechanism (adjunct)
  - Laboratory of Morphodiversity
- **Environmental Biology**
  - Division of Molecular Environmental Endocrinology †††
  - Division of Plant Developmental Genetics (adjunct)
  - Division of Photobiology (adjunct)
  - Laboratory of Photoenvironmental Biology
  - Laboratory of Stress Response[1)]
- **Theoretical Biology**
  - Division of Theoretical Biology
  - Laboratory of Genome Informatics
- **Imaging Science**
  - Division of Developmental Dynamics (adjunct)
  - Laboratory of Bioimaging

Research Support

- **Strategic Planning Department**
- **Research Support Facilities**
  - The Large Spectrograph Laboratory
  - Tissue and Cell Culture Laboratory
  - Computer Laboratory
  - Plant Culture Laboratory
  - Experimental Farm
  - Plant Cell Laboratory
- **Research Center for Integrative and Computational Biology**
- **Center for Transgenic Animals and Plants**
- **Technical Division**

Research Facilities run jointly with other Institute(s) in Okazaki

- **Okazaki Institute for Integrative Bioscience**
  - Department of Development, Differentiation and Regeneration
    - Division of Developmental Genetics *
    - Division of Molecular & Developmental Biology **
  - Department of Bio-Environmental Science
    - Division of Bio-Environmental Science ***
- **Center for Radioisotope Facilities**
- **Center for Experimental Animal**
- **Research Center for Computational Science**

- **Center for Analytical Instruments**
  - Laboratory Glassware Facilities
  - Electron Microscope Center
  - Machine Shop
  - Low-Temperature Facilities

*〜***)These divisions also belong to NIBB as shown with †〜†††), respectively. 1) Until August 31, 2006