# **ORGANIZATION OF THE NATIONAL INSTITUTE FOR BASIC BIOLOGY**

The National Institute for Basic Biology (NIBB) was founded in 1977 on a hill overlooking the old town of Okazaki in Aichi prefecture as one of the Inter-University Research Institutes to promote and stimulate studies of biology. NIBB conducts first-rate research on site as well as in cooperation with national, public and private universities and research organizations. NIBB attempts to elucidate the general and fundamental mechanisms underlying various biological phenomena throughout a wide variety of biological fields, such as cell biology, developmental biology, neurobiology, evolutionary biology, environmental biology, and theoretical biology.

NIBB and four other national institutes, the National Astronomical Observatory (NAO), the National Institute for Fusion Science (NIFS), the National Institute for Physiological Sciences (NIPS), and the Institute for Molecular Science (IMS), constitute the National Institutes of Natural Sciences (NINS), which is one of the four Inter-University Research Institute Corporations. NIBB's activities are supported by the Ministry of Education, Culture, Sports, Science and Technology (MEXT) of Japan. The Okazaki Institute for Integrative Bioscience was established as a common facility for the three institutes (NIBB, NIPS, and IMS) of the Okazaki campus.



Buildings in the Myodaiji area (left) and Yamate area (right).

### **Policy, Decision Making, and Administration**

The Director-General oversees the operation of NIBB, assisted by the Advisory Committee for Programming and Management. The Advisory Committee, comprised of professors within NIBB and an equal number of leading biologists outside NIBB, advises the Director-General on important matters such as planning joint research programs as well as on the scientific activities of NIBB. The Advisory Committee makes recommendations on the appointments of new Directors-General, faculty appointments, NIBB's annual budget and future prospects.

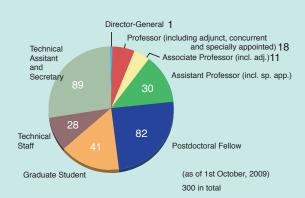
The Strategic Planning Department assists the directorgeneral with NIBB's evaluation procedures and in planning a long-range strategy for the institute. The Office of Public Relations and International Cooperation is a central office for public relations and the management of conferences and other extramural activities.

Administration of NIBB is undertaken by the Okazaki Administration Office under the direct auspices of the Administration Office of NINS.

#### **Research and Research Support**

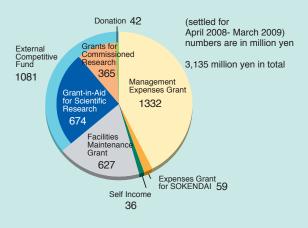
NIBB conducts its research programs through research units and research support units. Each research unit is called either a division, led by a professor, or a laboratory, led by an associate professor or an assistant professor. Each research unit forms an independent project team. Some of the research units are adjunct and led by professors who hold joint appointments with other universities. Adjunct divisions have a resident assistant professor. This arrangement facilitates exchange in research activities in Japan. The Technical Division manages the activities of the technical staff and helps to promote the activities of each research unit and to maintain the common resources of both the research support units of the NIBB and the research facilities of the Okazaki campus.

The Okazaki Institute for Integrative Bioscience was founded to conduct interdisciplinary molecular research on various biological phenomena and is shared by all three institutes in Okazaki. Some of the divisions also function as NIBB divisions.

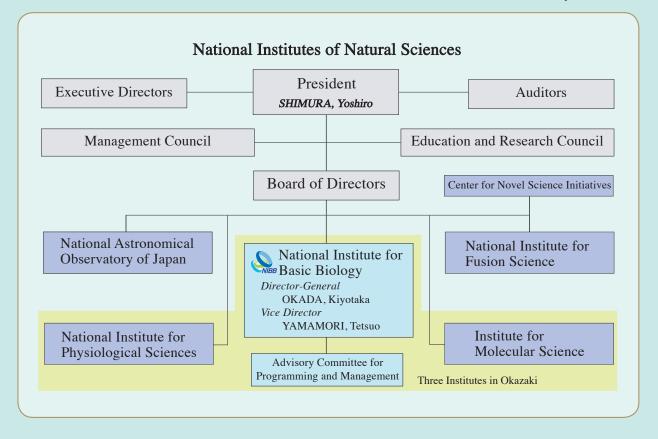


**Financial Configuration of the NIBB** 

Members in the NIBB



Organization



Members of the Advisory Committee for Programming and Management (as of April, 2009)

Chairperson	NODA, Masaharu	Professor, National Institute for Basic Biology	
Vice-Chair	MATSUOKA, Makoto	Professor, Nagoya University	
Non-NIBB members	FUKUDA, Hiroo	Professor, The University of Tokyo	
	ISHINO, Fumitoshi	Professor, Tokyo Medical and Dental University	
	KATO, Kazuto	Associate Professor, Kyoto University	
	OSUMI, Noriko	Professor, Tohoku University	
	SAKANO, Hitoshi	Professor, The University of Tokyo	
	SATOH, Noriyuki	Faculty, Okinawa Institute of Science and Technology	
	SIOMI, Haruhiko	Professor, Keio University	
	TABATA, Satoshi	Deputy Director, Kazusa DNA Research Institute	
	YANAGIDA, Toshio	Professor, Osaka University	
NIBB members	FUJIMORI, Toshihiko	Professor, National Institute for Basic Biology	
	HASEBE, Mitsuyasu	Professor, National Institute for Basic Biology	
	HORIUCHI, Takashi	Professor, National Institute for Basic Biology	
	IGUCHI, Taisen	Professor, Okazaki Institute for Integrative Bioscience	
	KOBAYASHI, Satoru	Professor, Okazaki Institute for Integrative Bioscience	
	NISHIMURA, Mikio	Professor, National Institute for Basic Biology	
	TAKADA, Shinji	Professor, National Institute for Basic Biology	
	UENO, Naoto	Professor, Okazaki Institute for Integrative Bioscience	
	YAMAMORI, Tetsuo	Professor, National Institute for Basic Biology	
	YOSHIDA, Shosei	Professor, National Institute for Basic Biology	

### As of April 1, 2009

Re	esearch Units	
Cell Biology	<ul> <li>Division of Cell Mechanisms</li> <li>Laboratory of Neuronal Cell Biology<sup>††††</sup></li> <li>Laboratory of Cell Structure</li> <li>Laboratory of Cell Sociology</li> </ul>	
Developmental Biology	<ul> <li>Division for Morphogenesis</li> <li>Division of Developmental Genetics †</li> <li>Division of Molecular and Developmental Biology ††</li> <li>Division of Embryology</li> <li>Division of Germ Cell Biology</li> <li>Division of Reproductive Biology</li> <li>Laboratory of Molecular Genetics for Reproduction</li> <li>Laboratory of Plant Organ Development</li> </ul>	
Neurobiology	<ul> <li>Division of Molecular Neurobiology</li> <li>Division of Brain Biology</li> <li>Laboratory of Neurophysiology</li> <li>Laboratory of Neurochemistry</li> </ul>	
Evolutionary Biology and Biodiversity	<ul> <li>Division of Genome Dynamics</li> <li>Division of Evolutionary Biology</li> <li>Division of Symbiotic Systems</li> <li>Laboratory of Morphodiversity</li> <li>Laboratory of Bioresource</li> </ul>	
Environmental Biology	<ul> <li>Division of Molecular Environmental Endocrinology ***</li> <li>Division of Plant Developmental Genetics (adjunct)</li> <li>Laboratory of Photoenvironmental Biology</li> </ul>	
Theoretical Biology	<ul><li>Division of Theoretical Biology</li><li>Laboratory of Genome Informatics</li></ul>	
Imaging Science	<ul> <li>Division of Developmental Dynamics (adjunct)</li> <li>Laboratory for Spatiotemporal Regulations</li> </ul>	
Research	Support Units	
Research Support FacilitiesCenter for Transgenic Animals and PlantsResearch Center for Integrative and Computational Biology	The Large Spectrograph Laboratory Tissue and Cell Culture Laboratory Computer Laboratory Plant Culture Laboratory	
Other Resea	arch Support Sections	
Technical Division	Strategic Planning Department	
	Office of Public Relations and International Cooperation	

# Okazaki Research Facilities

Okazaki Institute for Integrative Bioscience	Department of Development, Differentiation and Regeneration
Center for Radioisotope Facilities	Division of Molecular and Developmental Biology ** —Department of Bio-Environmental Science
Center for Experimental Animal	<ul> <li>Division of Bio-Environmental Science ***</li> <li>Division of Neuronal Cell Biology ****</li> </ul>
Research Center for Computational Science	Department of Strategic Methodology     *_****)     These divisions also function as NIBB's divisions (++++++), respectively.     Other divisions of the OIIB are not shown.
	Other divisions of the Other are not shown.

# Research Facilities run jointly with National Institute for Physiological Sciences

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