## 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 designated to promote and stimulate the study of biology both in Japan and internationally. 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, developmental, evolutionary, environmental and theoretical biology as well as neurobiology.

NIBB and four other national institutes, the National Astronomical Observatory of Japan (NAOJ), 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.





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 eleven professors within NIBB and ten leading biologists from outside of it, 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 Research Enhancement Strategy Office, aimed at supporting researchers in order to improve NIBB's abilities as a collaborative research institution, was founded in 2013. The Office is made up of seven groups (p. 96) and its activities are mainly carried out by URAs (University Research Administrators) in close collaboration with the NINS's Research Enhancement Promotion Headquarters.

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's research programs are conducted in 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. The NIBB Core

Organization

# National Institutes of Natural Sciences (NINS)

President

KOMORI, Akio

National Astronomical

Observatory of Japan (NAOJ)

National Institute for

Fusion Science (NIFS)

National Institute for Basic Biology (NIBB)

Director General
AGATA, Kiyokazu
Vice-Director General
UENO, Naoto

National Institute for Physiological Sciences (NIPS)

Institute for
Molecular Science (IMS)

Three Institutes in Okazaki

Center for Novel Science Initiatives

- Frontier Photonic Science
- Plasma Bio Science

Astrobiology Center

Exploratory Research Center on Life and Living Systems (ExCELLS)

- ■Department of Creative Research
- Section for Exploration of Life in Extreme Environments

Research units of NIBB with an asterisk on the right panel also function as research groups of ExCELLS.

Advisory Committee for Programming and Management

Research Enhancement Strategy Office

Okazaki Research Facilities

Center for Radioisotope Facilities

Center for Animal Resources and Collaborative Study

Research Center for Computational Science

Research Facilities run jointly by NIBB and NIPS

Electron Microscopy Room

Waste Management Room

Instrument Design Room

## National Institute for Basic Biology (NIBB)

■Public Relations Group

■International Cooperation Group

Young Researcher Support Group

Gender Equality Promotion Group

Collaborative Research Group

As of March 31, 2020

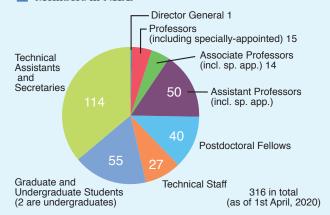
# Research Units ■Division of Cellular Dynamics Cell Biology ■Division of Quantitative Biology\* ■Division of Chromatin Regulation Laboratory of Neuronal Cell Biology Laboratory of Stem Cell Biology Laboratory of Organelle Regulation ■Division of Morphogenesis Developmental Biology ■Division of Molecular and Developmental Biology ■Division of Embryology ■Division of Germ Cell Biology ■ Laboratory of Regeneration Biology Division of Behavioral Neurobiology\* Neurobiology Laboratory of Neurophysiology ■Evaluation and Information Group ■Division of Evolutionary Biology **Evolutionary Biology and Biodiversity** ■Division of Symbiotic Systems ■Division of Evolutionary Developmental **Biology** Laboratory of Evolutionary Genomics ■Laboratory of Bioresources Laboratory of Morphodiversity Laboratory of Biological Diversity ■Division of Environmental Photobiology **Environmental Biology** ■Division of Plant Environmental Responses ■ Laboratory of Genome Informatics Theoretical Biology Laboratory for Spatiotemporal Regulations\* **Imaging Science** Laboratory for Biothermology Research Support Facilities Functional Genomics Facility NIBB Core Research Facilities Spectrography and Bioimaging Facility ■Data Integration and Analysis Facility ■Model Animal Research Facility NIBB BioResource Center Model Plant Research Facility Cell Biology Research Facility NIBB Center of the Interuniversity Bio-Backup Project (IBBP Center) Center for the Development of New Model Organisms **Technical Division** Section of Health and Safety Management

Okazaki Administration Center

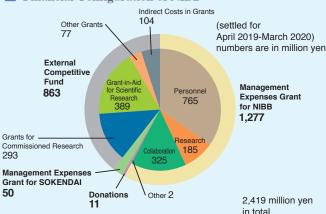
Research Facilities and NIBB BioResource Center were launched in 2010 to support research in NIBB and also to act as an intellectual hub to promote collaboration among the researchers of NIBB and other institutions. The NIBB Center of the Inter-University Bio-Backup Project (IBBP Center) was founded in 2012 to prevent the loss of invaluable biological resources. Projects for the development of bioresource preservation technology are solicited by the IBBP center. The Center for the Development of New Model Organisms was founded in 2013 to promote development of new model organisms and research using them. 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 NIBB and the research facilities of the Okazaki campus. The Center for Radioisotope Facilities are one of the latter and run by the technical staff of NIBB.

The Exploratory Research Center on Life and Living Systems (ExCELLS) was founded in 2018 to develop novel approaches for observing biological entities, deciphering hidden information, and creating living systems to improve our understanding of their nature. Moreover, ExCELLS promotes collaborative, interdisciplinary research involving investigators exploring organisms living in extreme environments.

#### Members in NIBB



#### Financial Configuration of NIBB



### Members of the Advisory Committee for Programming and Management (terms of April 2019 to March 2021)

Non-NIBB members	HANASHIMA, Carina	Professor, Waseda University
	HIRAOKA, Yasushi ##	Professor, Osaka University
	KITANO, Jun	Professor, National Institute of Genetics
	KOHCHI, Takayuki	Professor, Kyoto University
	KUROIWA, Asato	Professor, Hokkaido University
	SATAKE, Akiko	Professor, Kyushu University
	SIOMI, Mikiko	Professor, The University of Tokyo
	SUGIMOTO, Asako	Professor, Tohoku University
	YAMAMOTO, Takashi	Professor, Hiroshima University
	YOSHIMURA, Takashi	Professor, Nagoya University
NIBB members	AOKI, Kazuhiro	Professor, ExCELLS and National Institute for Basic Biology
	FUJIMORI, Toshihiko	Professor, National Institute for Basic Biology
	HASEBE, Mitsuyasu	Professor, National Institute for Basic Biology
	HIGASHIJIMA, Shin-ichi	Professor, ExCELLS and National Institute for Basic Biology
	KAWAGUCHI, Masayoshi #	Professor, National Institute for Basic Biology
	MINAGAWA, Jun	Professor, National Institute for Basic Biology
	NIIMI, Teruyuki	Professor, National Institute for Basic Biology
	TAKADA, Shinji	Professor, ExCELLS and National Institute for Basic Biology
	UEDA, Takashi	Professor, National Institute for Basic Biology
	UENO, Naoto	Professor, National Institute for Basic Biology
	YOSHIDA, Shosei	Professor, National Institute for Basic Biology

# Chairperson ## Vice-Chair