

4. Committees of BRC

4-1. Ethic Committee for Research in Tsukuba Institute

(**: the chairperson) (*: a member of ad hoc committee)

**Hiroshi AMEMIYA	Director Emeritus, National Research Institute for Child Health and Development, National Children's Medical Center
*Chinami ARUGA	Researcher, Exploratory Toxicology and DMPK Research Laboratories, Tanabe Seiyaku Co., Ltd.
*Yuichi OBATA	Head, Department of Biological Systems, BioResource Center, RIKEN
Naoko TAJIMA	Professor of Internal Medicine, The Jikei University School of Medicine
Tomohiro TANAMURA	Lawyer, City-Yuwa Partners
Yukio NAKAMURA	Senior scientist, Head, Cell Engineering Division, BioResource Center, RIKEN
Michio HISAMATSU	General Director, the General Affairs Department, Tsukuba Municipal Office
Takashi MASUNARI	Professor, Institute of Modern Languages and Cultures, University of Tsukuba
Hajime MACHINO	Professor, Faculty of Law, Sophia University
Toshiharu MATSUMURA	Director, Cell Technology Center, Roman Industries Co. Ltd.

In the 2001 and 2002 fiscal year, Ethic Committee for Research in Tsukuba Institute are held on the days following;

Title	The dates	Place
the 4th	6. 25, 2003	BioResource Center
the 5th	8. 18, 2003	BioResource Center
ad hoc committee	4 times in 2002 Once in the first half year of 2003	BioResource Center

4-2. Safety Control Committee for Recombinant DNA Experiment

Kunio YAMANE	Professor, Institute of Biological Sciences, University of Tsukuba (Recommended by Tsukuba Minicipal Office)
Narumi OKA	Head, Plant Biotechnology Department, National Institute of Agrobiological Sciences (Recommended by Tsukuba Minicipal Office)
Shouichi FUKUDA	Chairperson of Tsukuba City Assembly (to January 2003) (Recommended by Tsukuba Minicipal Office)
Hideo KANEHIRA	Chairperson of Tsukuba City Assembly (from February 2003) (Recommended by Tsukuba Minicipal Office)
Kazuyasu TAKEISHI	Director, Citizen's Enviroment Department, Tsukuba Minicipal Office (to March 2003) (Recommended by Tsukuba Minicipal Office)
Toshio SUMIYA	Chairperson, Comunitiy and Enviroment Services Department, Tsukuba Minicipal Office (from April 2003) (Recommended by Tsukuba Minicipal Office)
Makoto ISHII	Honorary professor, Azabu University (Recommended by RIKEN)
Yuichi OBATA	Head, Department of Biological Systems, BioResource Center, RIKEN (Chief of safety regulations)
Hiroshi AMANUMA	Chief scientist, Molecular Cell Science Laboratory, RIKEN
Kazuo SHINOZAKI	Chief scientist, Direcotor of Plant Molecular Biology Laboratory, RIKEN
Yoshimi BENNO	Senior scientist, Microbial Culture Collection Division
Shogo MATSUMOTO	Chief scientist, Molecular Entomology and Baculovirology Laboratory, RIKEN
Katsuhiko MASUDA	Senior scientist, Head of Tsukuba Safety Center, RIKEN

4-3. Advisory Council

Goro EGUCHI	Chairman of the board of directors, Educational Institution of Shokei
Toshio KUROKI	President, Gifu University
Haruo SUGANO	Director Emeritus, The Cancer Institute of the Japanese Foundation for Cancer Research
Naoyuki TAKAHATA	Vice-president, The Graduate University for Advanced Studies
Yoshitaka NAGAI	President, Mitsubishi Kasei Institute of Life Sciences
Stephen D.M. BROWN	President, Medical Research Council, Mouse Genome Center (the U.S.A.)
Jean-Louis GUENET	President, Unite de Genetique des Mammiferes, Institute Pasteur (the French Republic)

Maarten KOORNNEEF	Laboratory of Plant Genetics, Wageningen University (the Kingdom of the Netherlands)
Lloyd J. OLD	CEO, Ludwig Institute for Cancer Research (the U.S.A.)
Kenneth PAIGEN	President, The Jackson Laboratory (the U.S.A.)

4-4. Executive Advisors

Shinichi AIZAWA	Group Leader, Laboratory for Vertebrate Body Plan, Center for Developmental Biology, RIKEN (Molecular biology)
Toshio ITO	Deputy Director, ICLAS Monitoring Center, Central Institute for Experimental Animals (Experimental Animal Science)
Motoya KATSUKI	Director General, National Institute for Basic Biology, Okazaki National Research Institute (Developmental Engineering)
Yuji KOHARA	Professor, National Institute of Genetics Center for Genetic Resource Information (Analysis of gene expression network)
Takashi GOJOBORI	Professor, National Institute of Genetics (Science of genetic information)
Hiroshi SHIKU	Professor, School of Medicine, Mie University (Internal medicine)
Hiromitsu NAKAUCHI	Professor, The Institute of Medical Science, The University of Tokyo (Experimental animal science)
Yasuhiro YOSHIKAWA	Professor, Graduate School of Agricultural and Life Science/ Faculty of Agriculture, The University of Tokyo (Experimental animal science)
Mitsuaki YOSHIDA	President, Tsukuba Research Institute, Banyu Pharmaceutical Co., LTD.

4-5. Resource Committees

Resource Committee of Experimental Animals (: the chairperson)**

Ryo KOMINAMI	Professor, Niigata University Graduate School of Medical and Dental Sciences (Molecular genetics)
Toshihiko SHIROISHI	Professor, National Institute of Genetics (Mammalian genetics) Project Director, Genomic Sciences Center, RIKEN
Hiroshi HIAI	Professor, Faculty of Medicine, Kyoto University (Experimental pathology)
Kenichi YAMAMURA	Vice-president, Kumamoto University Director, Center for Animal Resources and Development, Kumamoto University (Developmental engineering of gene)

- Minesuke YOKOYAMA Professor, Center for Bioresource-based Researches, Brain Research Institute, Niigata University (Mammalian Developmental engineering and genital engineering)
- **Hiromichi YONEKAWA Vice-president, The Tokyo Metropolitan Institute of Medical Science, Tokyo Metropolitan Organization for Medical Research

Resource Committee of Experimental Plants (**: the chairperson)

- **Kiyotaka OKADA Professor, Department of Botany Graduate School of Science, Kyoto University (Plant molecular genetics)
Group Director, Plant Science Center, RIKEN
- Kazutoshi OKUNO Director, Gene Bank, National Institute of Agrobiological Sciences (Plant bio technology)
- Yasunari OGIHARA Assistant professor, Kihara Institute for Biological Research, Yokohama City University (Cytogenetics)
- Hiroshi KAMADA Director, Gene Experiment Center, University of Tsukuba (Plant development)
- Nobuharu GOTO Professor, Department of Biology, Miyagi University of Education
- Kazuo SHINOZAKI Group Director, Genomic Sciences Center, RIKEN (Plant physiology)
- Satoshi TABATA Head, Department of Plant Gene Research, Kazusa DNA Research Institute (Structural analysis of arabidopsis DNA)

Resource Committee of Cellular Materials (**: the chairperson)

- Toshihiro AKAIKE Director, Research Center for Experimental Biology, Tokyo Institute of Technology (Cellular engineering)
- Toru IMAMURA Deputy Director, Gene Discovery Research Center, National Institute of Advanced Industrial Science and Technology
- Yoshiki SASAI Group Director, Center for Developmental Biology, RIKEN (ES cells)
- **Tatsutoshi NAKAHATA Professor and Chairman, Graduate School of Medicine and Faculty of Medicine, Kyoto University (Hemal cytology)
- Eiichi NAKAYAMA Director, Okayama University Graduate School of Medicine and Dentistry (Immunobiology)
- Shinji NITO Department Manager, Advanced Medical Research Department Discovery Research Laboratory, Tanabe Seiyaku Co., Ltd. (ES cells)
- Nan-ho HUH Professor, Graduate School of Medicine and Dentistry, Okayama University (Molecular cellular biology)

Resource Committee of Genetic Materials (**: the chairperson)

- **Izumu SAITO Professor, The Institute of Medical Science, The University of Tokyo (Development of vector)
- Mamoru HASEGAWA Director, DनावेC Research Inc. (Development of Vector for gene

	therapy and diagnosis)
Hirofumi HAMADA	Professor, School of Medicine, Sapporo Medical University (Development of virus vector)
Yasuhiko MASUHO	Professor, Faculty of Pharmaceutical Sciences, Tokyo University of Science (Genome-based drug discovery)
Ryozaburo MUKAI	Chief Scientist, Virology and Molecular Biology, Tsukuba Primate Center for Medical Science, National Institute of Infectious Diseases
Kouji MATSUSHIMA	Professor, School of Medicine, University of Tokyo (Molecular preventive medicine)
Junichi MIYAZAKI	Professor, Division of Stem Cell Regulation Research, Osaka University Medical School (Development of Vector)
Jun YOSHIDA	Professor, Graduate School of Medicine, Nagoya University

Resource Committee of Information (**: the chairperson)

Shunichi KIKUCHI	Chief Research Scientist, Department of Advanced Database, Japan Science and Technology Agency
Yasukazu NAKAMURA	Chief Research Scientist, The First Laboratory for Plant Gene Research, Kazusa DNA Research Institute (Plant genome science)
Kozo MATSUMOTO	Assistant Professor, Tokushima University (Database construction of experimental animals)
Nobumoto MIYASHITA	Assistant Professor, Experimental Center for General Life Science, Kagawa University (Mammalian genetics, experimental zoology)
**Yukiko YAMAZAKI	Assistant Professor, National Institute of Genetics (Database construction of genetic biological resource information)

In the 2002 fiscal year, Resource Committees are held on the days following:

Title	The dates	Place
Resource Committee of Information	4.16,2002	Tokyo International Forum
Resource Committee of Cells	2.18,2003	Tokyo International Forum
Resource Committee of Experimental Plants	2.19,2003	Tokyo International Forum
Resource Committee of Genes	2.25,2003	Tokyo International Forum
Resource Committee of Experimental Animals	2.28,2003	Tokyo International Forum
Resource Committee of Experimental Animals	11.21,2004	KKR Hotel Tokyo
Resource Committee of Experimental Plants	11.25,2004	KKR Hotel Tokyo
Resource Committee of Information	11.27,2004	KKR Hotel Tokyo
Resource Committee of Cells	11.28,2004	KKR Hotel Tokyo
Resource Committee of Genes	11.28,2004	KKR Hotel Tokyo

4-5. Search Committees

(**: the chairperson)

**Yuichi OBATA	Head, Department of Biological Systems, BioResource Center, RIKEN
Katsuhiko MASUDA	Director, Tsukuba Research Promotion Division, RIKEN
Masatomo KOBAYASHI	Senior Scientist, Head of Experimental Plant Division, BioResource Center, RIKEN
Yukio NAKAMURA	Head of Cell Engineering Division, BioResource Center, RIKEN
Kazinari K. YOKOYAMA	Head of Gene Engineering Division, BioResource Center, RIKEN
Atsuo OGURA	Head of Bioresource Engineering Division, BioResource Center, RIKEN
Kaoru FUKAMI	Head of Bioresource Information Division, Bio Resource Center, RIKEN
Kuniya ABE	Team Leader, Team for Technology and Development for Mammalian Cellular Dynamics BioResource Center, RIKEN
Toshihiko SHIROISHI	Project Director, Genomic Sciences Center, RIKEN
Fumio HANAOKA	Chief Scientist, Cellular Physiology Laboratory, RIKEN Discovery Research Institute