

2003 ~ 2005

13. Events**13-1. Visitor's Day and Public Lecture**

As one of the events of Science and Technology Week, the RIKEN BRC opened its grounds and facilities to the public audience. Exhibitions, special lectures by Dr. K. Moriwaki, Director and by Dr. Y. Obata, Division Head, and scientific videos were presented as part of Visitor's Day. The number of the visitors in 2003, 2004 and 2005.

	2003		2004		2005	
	Date	Visitors	Date	Visitors	Date	Visitors
Public Open Day	April 16	662	April 14	655	April 20	551
Special Open Day	April 19	293	April 17	395	April 23	381

13-2. Public Symposium of RIKEN BRC**2004****Public Symposium at RIKEN BRC**

Riken Symposium "New approach in Mammalian Genetic Research"

This symposium was held under the joint sponsorship of Mammalian Genetics Society of Japan.

Date: June 23 (Wed.), 24(Thu.), 2004

Place: RIKEN Tsukuba Institute BRC 1st floor Lecture Room (June 23, 2004)
Hotel Aoki-ya Lecture Room (June 24, 2004)

Convene: RIKEN Symposium and Workshop for Mammalian Genomic Study

Speakers: Tetsuro TOYODA (RIKEN GSC, Phenome Informatics Team)

Eri KAMINUMA (RIKEN GSC, Phenome Informatics Team)

Keiji TANIMOTO (University of Tsukuba)

Ayako OKA (National Institute of Genetics)

Kyoichi SAWAMURA (University of Tsukuba)

Takashi SADO (National Institute of Genetics)

Hiroshi MASUYA (RIKEN GSC, Mouse Mutation Resource Exploration Team)

Yuichi OBATA, Atsushi YOSHIKI (RIKEN BRC, Experimental Animal Division)

Jun YANAGISAWA (University of Tsukuba)

Aki TAKAHASHI, Tsuyoshi KOIDE

(National Institute of Genetics, The Graduate University for Advanced Studies)

Masaki MARUYAMA, Ryo KOMINAMI (Niigata University)

Hidetsugu TAKABAYASHI, Hideki KATO (Hamamatsu University School of Medicine)

Hiromitsu TANAKA (Osaka University, Research Institute for Microbial Diseases)

Shosei YOSHIDA (Kyoto University)

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Kazuo YAMAGATA (University of Tsukuba)

Masahiro KANEDA, Hiroyuki SASAKI (National Institute of Genetics)

Tomohiro KONO (Tokyo University of Agriculture)

2005

Public Symposium of RIKEN GSC

Establishment and utilization of mouse models for human common diseases

Date: March 18, 2005 (Fri)

Place: Toshi Center Hotel

Speakers: Ministry of Education, Culture, Sports, Science and Technology

Mr. Koji SAEKI

RIKEN YOKOHAMA Institute

Dr. Tomoya OGAWA

RIKEN GSC

Dr. Yoshiyuki SAKAKI

Dr. Toshihiko SHIROISHI

Dr. Shigeharu WAKANA

Dr. Hiroshi MASUYA

Dr. Tetsuo NODA

Dr. Yoichi GONDO

Dr. Tetsuro TOYODA

RIKEN RCAI

Dr. Hisahiro YOSHIDA

RIKEN BRC

Dr. Yuichi OBATA

Dr. Atsuo OGURA

The Kobe University Graduate School of Medicine

Dr. Masato KASUGA

Research Center for Advanced Science and Technology, The University of Tokyo

Dr. Tatsuhiko KODAMA

National Institute for Longevity Sciences

Dr. Kyoji IKEDA

National Institute of Neuroscience

Dr. Ichizo NISHINO

Niigata University, Graduate School of Medical and Dental Science

Dr. Ryo KOMINAMI

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13-3. Progress Reports and BRC Seminars

RIKEN BRC opened the “Progress Reports”, every other week and the “BRC Seminars”, once a month to encourage the scientists and exchanging the scientific information. The invited speakers were listed below.

BRC Seminars in 2003

Date	Name of Invited Speakers	Theme
2003.05.13	Dr. Makoto MIYAGISHI Tokyo University	Development of siRNA vectors and construction of RNAi vector library
2003.05.20	Dr. Haruhiko Koseki Chiba University, Professor	Regulation of cell proliferation by polycomb group genes in mammals
2003.06.20	Dr. Tadatashi ISHINO Tokyo Institute of Technology	Regulatory systems of genomic imprinting in mammals and their biological significance-- mammalian development and evolution
2003.06.25	Dr. Joseph H. NADEAU Case Western Reserve University School of Medicine, Cleveland, Co-Director	Modifier Genes and the Genetics of Health
2003.07.15	Dr. Niwa HITOSHI RIKEN CDB, Team Leader	Molecular controls that maintain pluripotency in mouse ES cells
2003.10.07	Dr. Akihiro UMEZAWA National Research Institute for Child Health and Development	Cell transplantation system using human immortalized mesenchymal cells
2003.10.07	Dr. Kenji MIYADO National Research Institute for Child Health and Development	Studies on formation of membrane domain that regulates membrane fusion in fertilization
2003.11.04	Dr. Atsushi MIYAWAKI RIKEN BSI, Team Leader	Fluorescent proteins for visualization of cellular activities
2003.11.27	Dr. Eihachiro KAWASE Stowers Institute for Medical Research, Kansas City	Drosophila germ line stem cells as a model for stem cell analysis
2003.12.03	Dr. Takashi IMAI National Institute of Radiological Sciences	Genetic analysis of disease onset risk in radiation therapy
2003.12.05	Dr. Yukio KATO Hiroshima University	Amplification of mesenchymal stem cells, marker genes and their application to regenerative medicine; role of bHLH clock gene, DEC1 in cell fate determination
2003.12.09	Dr. David T. CURIEL University of Alabama at Birmingham	Targeted cancer gene therapy; the flexibility of adenoviral gene therapy vectors
2003.12.09	Dr. Masato YAMAMOTO University of Alabama at Birmingham	Transcriptionally and Transductionally Targeted Conditionally Replicative Adenovirus for Esophageal Adenocarcinoma
2004.02.06	Dr. Seiji TAKAHASHI Tohoku University	Transformation of Arabidopsis T87 cultured cells using Agrobacterium

BRC Seminars in 2004

Date	Name of Invited Speakers	Theme
2004.04.19	Dr. Alex Hon-Tsen YU Institute of Zoology & Department of Life Science National Taiwan University, Professor	Population genetics analysis of the house mouse (<i>Mus musculus castaneus</i>) in Taiwan with multiple markers

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2004.08.23	Dr. Kozo MITSUYA Tohoku University	Epigenetic disparity by histone tail modifications
2004.10.07	Dr. Martin D FRAY Medical Research Council	Archiving the laboratory mouse in the UK
2004.10.12	Dr. Isamu ISHIWATA Ishiwata Obstetrics and Gynecology hospital	Induction of differentiation of mouse ES cell and human amnion stem cells
2004.10.14	Dr. Yoshibumi MATSUSHIMA Saitama Cancer Center	Identification and establishment of spontaneous mouse disease models
2004.10.18	Dr. Keisuke EDASHIGE Kochi University	Antifreeze ability of mammalian embryos and water channel
2004.12.14	Dr. Hiroyuki NAKAI Stanford University	Advantages and problems of adenovirus vector
2004.12.16	Dr. Teruhiko WAKAYAMA RIKEN CDB, Team Leader	Properties of ntES cells produced by somatic nuclear transfer
2005.01.06	Dr. Kunio SHIOTA Tokyo University, Professor	Genome wide epigenetics based on DNA methylation

BRC Seminars in 2005

Date	Name of Invited Speakers	Theme
2005.04.05	Dr. Toshio SONODA Kagoshima University	Epidemiology of HTLV-related diseases - disease susceptibility of African Negroid and Asian mongoloid
2005.04.28	Dr. Sachiko SUEMATSU National Institute of Biomedical Innovation	Construction of artificial lymph node tissues and analysis of antigen specific immune functions
2005.05.23	Dr. Takehiko OGAWA Yokohama City University	Current progress in male germ line stem cell research
2005.06.06	Dr. Kazuhiro AIBA National Institute on Aging, National Institutes of Health	Comprehensive analysis of developmental pathways from ES cells to neural cells by expression profiling
2005.06.30	Dr. Shosei YOSHIDA Kyoto University	Analysis of male mouse germ line stem cells by in vivo labeling of undifferentiated spermatogonia
2005.08.02	Dr. Priscilla Kate Tucker The University of Michigan, Professor	Genetic implication of hybrid breakdown in mice
2005.08.26	Dr. Makoto FURUTANI-SEIKI JST	Studies on organogenesis by systematic screening of ENU induced mutants in Medaka
2005.10.13	Dr. Kenji IMAI GSF-National Research Center for Environment and Health Institute of Developmental Genetics	Developmental molecular genetics of vertebrate column formation
2005.10.19	Dr. Pedro W. CROUS Centraalbureau voor Schimmelcultures, Fungal Biodiversity Centre, Utrecht, The Netherlands	Reconciling mycology with phylogeny in phytopathogenic Fungi
2005.10.20	Dr. Neil R. SMALHEISER Psychiatry UIC Psychiatric Institute	Challenges in Mammalian MicroRNA Target Prediction

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2005.12.12	Dr. Akitake Makinouchi Dr. Hideo Yokota Dr. Kiwamu Kase Center for Intellectual Property Strategies, RIKEN	A global approach for biology research proposed from engineering research groups
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Progress Reports in 2003

Date	Name of Speakers and Affiliation	Theme
2003.05.14	Chikako NORO, Ph.D. Experimental Animal Division	Genetic quality control and development of relevant technologies for the BioResource Program
2003.05.14	Kuniya ABE, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Construction of BAC library derived from Asian mouse subspecies and its application
2005.06.25	Hiroshi ABE, Ph.D. Experimental Plant Division	Analyses of bHLH and MYB factors in drought inducible gene expression
2003.06.25	Kimiko INOUE, Ph.D. Bioresource Engineering Division	Mitochondrial heteroplasmy in somatically cloned mice
2003.07.09	Haraaki SEKI, Ph.D. Plant Science Center, Gene Discovery Research Group	RIKEN Arabidopsis full-length (RAFL) cDNA and its applications for expression profiling and functional genomics
2003.07.09	Yukio NAKAMURA, Ph.D. Cell Engineering Division	Future prospect of cell banking in RIKEN BRC
2003.07.30	Kazuko SHIBUYA, Ph.D. Laboratory for Immune Receptor	Role of CD226 (DNAM-1) in LFA-1 Signal
2003.07.30	Kazunari K. YOKOYAMA, Ph.D. Gene Engineering Division	Summary of research activities of DNA Bank (In vitro differentiation of ES cells and generation of cloned cows and equines by nuclear transplantation)
2003.07.30	Kuniaki FUKUDA, Ph.D. Gene Engineering Division	Basic study of gene therapy using recombinant adenoviruses
2003.09.10	Kaoru Fukami-Kobayashi, Ph.D. Bioresource Information Division	Tree of Life in prokaryotes
2003.09.10	Takahiro DOI, Ph.D. Subteam for BioSignal Integration	Goals of my dream, Characterization of the factors in TNF signaling pathway
2003.10.15	Satoshi IUCHI, Ph.D. Experimental Plant Division	The trial of genotyping of Arabidopsis thaliana ecotypes
2003.10.15	Atsushi YOSHIKI, Ph.D. Experimental Animal Division	Most frequently requested mouse strains and their histological examination
2003.10.24	Shunsuke ISHII, Ph.D. Molecular Genetics Laboratory	Trial to generate knock-down mice by using RNA interference
2003.10.24	Kazuo MORIWAKI, Ph.D. Ex-Director BRC, RIKEN	History of mice and their genes
2003.10.29	Hidenori KIYOSAWA, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Studies on antisense RNA genes identified in mouse transcriptome
2003.10.29	Makoto KIMURA, Ph.D. Gene Engineering Division	Interaction of Pol II and Fcp1 CTD- phosphatase in <i>Saccharomyces pombe</i>

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2003.11.10	Takashi HIROYAMA, Ph.D. Cell Engineering Division	My previous and future work
2003.11.10	Narumi OGONUKI, Ph.D. Bioresource Engineering Division	Microinsemination using abnormal or immature sperm
2003.12.04	Satoko TAHARA, Ph.D. Laboratory for Immune Receptor	Role in tumor immunity of CD226
2003.12.04	Hiroyuki MIYOSHI, Ph.D. Shin-ichi INOUE Natsumi SHIMIZU Subteam for Manipulation of Cell Fate	Studies on the plasticity of hematopoietic stem cells Correlation between telomere shortening and repopulating activity of hematopoietic stem cells
2004.01.14	Nathan MISE, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	BAC modification methods
2004.01.14	Takehide MURATA, Ph.D. Gene Engineering Division	Expression of mouse bZIP transcription factor JDP2 during differentiation of ES cells
2004.01.28	Arata HONDA, Ph.D. Bioresource Engineering Division	Functional analysis a mouse sperm serine protease TESP5
2004.01.28	Fumio IKE, Ph.D. Experimental Animal Division	The detection system for microbiological contaminations in the BRC
2004.02.25	Toshihiro KOBAYASHI, Ph.D. Experimental Plant Division	Cryopreservation of plant cultures cells
2004.02.25	Mariko NAGAYOSHI, Ph.D. Cell Engineering Division	Importance of anonymous condition of human-derived cell materials and banking of human umbilical cord blood
2004.03.10	Michihiko SUGIMOTO, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Positional cloning of embryonic lethal gene <i>tlw5</i> mapped in mouse t-complex
2004.03.10	Jianzai PAN, Ph.D. Gene Engineering Division	Study of function of JDP2 in knock-out mice
2004.03.31	Hideyo UGAI, Ph.D. Gene Engineering Division	Preparation of recombinant adenovirus vector encoded the human full length-cDNA and rapid purification of recombinant adenoviruses
2004.03.31	Keiji MOCHIDA, Ph.D. Bioresource Engineering Division	Cryopreservation of mouse embryos and sperm

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Date	Name of Speakers and Affiliation	Theme
2004.04.28	Atsushi YOSHIKI, Ph.D. Experimental Animal Division	Introduction of recent activity of the Experimental Animal Division
2004.04.28	Atsuo OGURA, Ph.D. Bioresource Engineering Division	Development of reproductive engineering technologies in Bioresource Engineering Division
2004.04.28	Toshihiko SHIROISHI, Ph.D. Shigeharu WAKANA, Ph.D. Mouse Functional Genomics Research Group	A large scale mouse ENU mutagenesis project in RIKEN GSC
2004.04.28	Shigeharu WAKANA, Ph.D. Mouse Functional Genomics Research Group	An introduction of mouse functional genomics research group in RIKEN GSC
2004.05.12	Kaoru TSUDA, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Studies on polymorphisms of reproductive genes among mouse subspecies

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2004.05.12	Chikako NORO, Ph.D. Experimental Animal Division	Analysis on the mouse genetic background by using microsatellite polymorphisms
2004.05.26	Kazunari K. YOKOYAMA, Ph.D. Emiko SEO Gene Engineering Division	Introduction of DNA Bank and its activities Suicide gene therapy of Biliary tract cancers by conditionally replicative recombinant adenoviruses expressing uracil phosphoribosyltransferase (URPT)
2004.05.26	Hiroshi MASUYA, Ph.D. Mouse Functional Genomics Research Group	Morphological phenotype screening and amelogenesis imperfecta mutants in the mouse ENU mutagenesis
2004.06.10	Tomoyuki YAMAGUCHI, Ph.D. Subteam for Manipulation of Cell Fate	Functional analysis of apoptosis-suppressing protein LFG
2004.06.10	Satoshi IUCHI, Ph.D. Experimental Plant Division	Improvement of genetic background information for Arabidopsis thaliana scotypes by SSLP analysis
2004.07.07	Takuya ITO, Ph.D. Plant Science Center, Gene Discovery Research Group	A resource of dissociation transposon-tagged and sequence-indexed lines of Arabidopsis and analysis of knock out mutants of a gene required for pollen maturation
2004.07.07	Kazuhiro SUDO, Ph.D. Cell Engineering Division	Isolation and analysis of new type murine mesenchymal stem cells
2004.07.21	Yumiko WADA, Ph.D. Mouse Functional Genomics Research Group	The development of mouse mutants with behavioral abnormalities by the RIKEN-ENU mutagenesis
2004.07.21	Kimiko INOUE, Ph.D. Bioresource Engineering Division	Mice cloned from hematopoietic stem cells
2004.08.04	Kazunari K. YOKOYAMA, Ph.D. Gene Engineering Division	Where do we go? What's the fate of our self-developing DNA-Bank?
2004.08.04	Yukio NAKAMURA, Ph.D. Cell Engineering Division	Current status and future prospect of cell banking in RIKEN BRC
2004.08.04	Yoshimi BENNO, Ph.D. Microbe Division	The BRC-JCM activity in microbial research and development
2004.09.09	Satoshi OOTA, Ph.D. Bioresource Information Division	Detection of regions under Darwinian positive selection on human chromosome 21 by using chimpanzee chromosome 22. A detailed numerical analysis of mouse behavioral phenotypes
2004.09.09	Takahiro DOI, Ph.D. Subteam for BioSignal Integration	Innate immunity and NF-kB: Defence mechanism by NF-kB against Leishmania infection
2004.09.22	Takuya FUCHIKAMI, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Expression analysis of mouse natural antisense RNA genes
2004.09.22	Koji NAKADE, Ph.D. Gene Engineering Division	Control of cell-differentiation induced by JDP2
2004.10.13	Noriko HIRAIWA, Ph.D. Experimental Animal Division	The clean up of deposited mouse strains and ovary freezing for strain preservation
2004.10.13	Hiromi MOTEGI, Ph.D. Mouse Functional Genomics Research Group	Blood test screening for mouse ENU mutagenesis
2004.10.27	Kaoru SAIJO, Ph.D. Cell Engineering Division	Quality control
2004.10.27	Atsuo OGURA, Ph.D. Bioresource Engineering Division	Middle-term prospective of development of reproductive engineering technologies
2004.11.10	ABE, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Functional genomic analysis using MSM BAC resource

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2004.11.10	Setsuko MISE, Ph.D. Subteam for BioSignal Integration	PTEN knockdown and cell adhesion: Target specificity of RNA interference
2004.11.24	Yoshimasa KOSAKO, Ph.D. Microbe Division	The quarantine business in BRC-JCM
2004.11.24	Kazufumi KATAYAMA, Ph.D. Subteam for Manipulation of Cell Fate	Searching for the molecules which enable ex vivo expansion of hematopoietic stem cells
2005.01.12	Maki INOUE, Ph.D. Mouse Functional Genomics Research Group	Novel mouse models of diabetes identified by the RIKEN-ENU mutagenesis project
2005.01.12	Makoto KIMURA, Ph.D. Gene Engineering Division	Introduction of Promoter-Bank
2005.02.02	Atsushi YOSHIKI, Ph.D. Experimental Animal Division	The spontaneous mutant mice found in the course of maintaining the strains
2005.02.02	Shigeru IWASE, Ph.D. Bioresource Information Division	Transition of BRC data schema
2005.02.23	Takashi HIROYAMA, Ph.D. Cell Engineering Division	Maintenance and Hematopoietic Differentiation of Cynomolgus Monkey Embryonic Stem Cells using Novel Feeder layers
2005.02.23	Kuniya ABE, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Functional genomic analysis using MSM BAC resource
2005.03.23	Hiroyuki MIYOSHI, Ph.D. Subteam for Manipulation of Cell Fate	Potential use lentiviral vectors for biological research
2005.03.23	Fumio IKE, Ph.D. Experimental Animal Division	The effect of infectious diseases on the experiments in the mouse
2005.03.30	Narumi OGONUKI, Ph.D. Bioresource Engineering Division	Microinsemination using male germ cells from epididymides and testes stored in freezers
2005.03.30	Motofumi SUZUKI, Ph.D. Microbe Division	Current status and perspective of yeast resources in BRC-JCM

Progress Reports in 2005

Date	Name of Speakers and Affiliation	Theme
2005.05.11	Arata HONDA, Ph.D. Bioresource Engineering Division	Characterization of oocytes and stem-like cells isolated from neonatal mouse ovaries
2005.05.11	Kazunari K. YOKOYAMA, Ph.D. Gene Engineering Division	Current Status and future development of RIKEN DNA- Bank
2005.05.25	Kazuyuki MEKADA, Ph.D. Experimental Animal Division	Foundation of the novel mutant mouse and toward identification of the causative gene
2005.05.25	Osamu MINOWA, Ph.D. Mouse Functional Genomics Research Group	Establishment and analysis of mouse deafness mutant lines from the RIKEN-ENU mutagenesis project
2005.06.15	Nathan MISE, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Gene expression in mouse embryo-derived stem cells and primordial germ cells
2005.06.15	Koru SAIJO, Ph.D. Cell Engineering Division	Quality control STR (short tandem repeat)- PCR analyses for human cell lines
2005.06.29	Hiroshi ABE, Ph.D. Experimental Plant Division	Analyses of bHLH factors in environmental stress response
2005.06.29	Takahiro DOI, Ph.D. Subteam for BioSignal Integration	NF- κ B in the front line of innate immunity

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2005.07.07	Michihiko SUGIMOTO, Ph.D. Technology and Development Team for Mammalian Cellular Dynamics	Positional cloning of <i>telw5</i> , a lethal mutation gene mapped in mouse t-complex
2005.07.07	Hideki TOKI, Ph.D. Mouse Functional Genomics Research Group	Pathological screening in mouse ENU mutagenesis project
2005.07.20	Miki FUJITA, Ph.D. Plant Science Center, Gene Discovery Research Group	Functional analysis of Arabidopsis transcription factors using FOX hunting system
2005.07.20	Kaoru Fukami-Kobayashi, Ph.D. Bioresource Information Division	Various problems on the development of literature search system
2005.08.31	Gen OKADA, Ph.D. Microbe Division	Overview of the filamentous fungus collection at BRC-JCM
2005.08.31	Michiko HIROSE, Ph.D. Bioresource Engineering Division	Establishment of stem cell lines and its application in Bioresource Engineering Division
2005.09.30	Takehide MURATA, Ph.D. Gene Engineering Division	Banking status of RIKEN DNA-Bank and study of nuclear protein JDP2
2005.09.30	Hatsumi NAKATA, Ph.D. Experimental Animal Division	Genotyping of mouse strains in the RIKEN BioResource Center
2005.10.18	Tomoyuki YAMAGUCHI, Ph.D. Subteam for Manipulation of Cell Fate	Development of novel assay using lentiviral vectors
2005.10.18	Tomohiro SUZUKI, Ph.D. Mouse Functional Genomics Research Group	Exploration of mutants affecting genomic imprinting in the RIKEN GSC mutagenesis project
2005.11.11	Setsuko MISE, Ph.D. Subteam for BioSignal Integration	Analysis of immune response in NF- κ B/RelA deficient mice
2005.11.11	Toshihiro KOBAYASHI, Ph.D. Experimental Plant Division	Establishment of culture system for somatic embryogenesis in <i>Arabidopsis thaliana</i>

14. International Exchange

Admission of foreign scientists, students

Name	Affiliation	Research Theme	Host Adviser	Period
Bing Bing Liu	China Medical University	Basic study of gene therapy and gene diagnosis	Kazunari K. YOKOYAMA Gene Engineering Division	February, 2004 ~
Hong Tang	Shanghai Biochemistry and Cell Biology Institute	Basic study of gene therapy using the adenovirus vector	Kazunari K. YOKOYAMA Gene Engineering Division	March, 2004 ~ February, 2005
Robert A. Samson	Centraalbureau voor Schimmelcultures, Royal Netherlands Academy of Science	Studies on taxonomy and identification for food-borne filamentous fungi	Gen OKADA Microbe Division	October, 2004 ~ October, 2004
Ismet Ara	The JSPS Postdoctoral Fellowship for Foreign Researchers	Polyphasic taxonomy of actinomycetes and related bacteria	Takuji KUDO Microbe Division	2003 ~ 2005

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Chitti Thaiwai	Faculty of Pharmaceutical Sciences, Chulalongkorn University	Systematic and phylogenetic studies on actinomycetes isolated in Thailand	Takashi ITO Microbe Division	October, 2003 ~ March, 2004
Suchada Jongrungruangchok	Faculty of Pharmaceutical Sciences, Chulalongkorn University	Systematic and phylogenetic studies on actinomycetes isolated in Thailand	Takuji KUDO Microbe Division	June, 2004 ~ November, 2004
Kim Si-Nae	Pochon CHA University Graduate Student	Learning of preparation of lentiviral vector and its experimental technique	Hiroyuki MIYOSHI, Subteam for Manipulation of Cell Fate	September, 2004 ~ February, 2005
Latanya Williams	Howard University Graduate Student	JSPS Summer Program	Masatomo KOBAYASHI Experimental Plant Division	June, 2005 ~ August, 2005
Enache, M. I.	The JSPS Postdoctoral Fellowship for Foreign Researchers Rumania Academy	Systematic and phylogenetic studies on the haloalkaliphilic archaea	Takashi ITO Microbe Division	May, 2004 ~

15. Visitors to BRC

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Date	Affiliation	Name
2003.04.09	The Japan Foundation of Public Communication on Science and Technology	Editor, Hideo HISANO
2003.05.02	Ministry of Education, Culture, Sports, Science and Technology	Director of Development and Promotion Bureau, Akira ISHIKAWA
2003.05.13	Tokyo University	Assistant, Makoto MIYAGISHI
2003.05.20	Chiba University	Professor, Akihiko HIRUSEKI
2003.05.28	Tsukuba Center, Inc.	Producer, Naoyuki MIYATA
2003.05.28	Terumo	Assistant-Section head, Naoya YAMAMOTO
2003.05.30	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Adjustment Officer, Shigeru KURE
2003.06.12	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Senior Staff, Haruto FUJITA
2003.06.20	Tokyo Institute of Technology	Professor, Tadatashi ISHINO
2003.06.25	James H. Jewel Professor of Genetics Co-Director, Center for Computational Genomics Case Western Reserve University, School of Medicine Cleveland	Dr. Joseph H. Nadeau
2003.07.11	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Dr. Yoshiaki ANDO
2003.08.26	National Institute for Environmental Studies	Senior Researcher, Sumiko SHIMURA
2003.09.04	Indonesian Institute of Science Research Center for Biology	Dr. Sri Sulandari, M. Sc.
2003.09.11	NHK, Japan Broadcasting Corporation	Journalist, Hidenori TANI
2003.09.19	Charles River Japan, Inc.	Director, Toshihide KASHIWAGI
2003.10.06	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Councilor, Tsuyoshi MARUYAMA
2003.10.06	National Center for Child health and Development	Honor Director, Hiroshi AMAMIYA
2003.10.07	National Research Institute for Child Health and Development	Dr. Akihiro UMEZAWA

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2003.10.08,10	Participant: Genetics Resources and fair and equitable sharing of the benefits arising out of their utilization, international symposium	South Pacific Regional Environment Programme Biodiversity Support Officer, Siuli Tuaillemafua
2003.10.10	Participant: Genetics Resources and fair and equitable sharing of the benefits arising out of their utilization, international symposium	Dr. Hugovon Linstow
2003.10.15	University of California	Prof. W. F. Loomis
2003.10.17	Photon Ltd.Co.	Akira TATEYAMA
2003.11.19	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Section Head, Kazuo TOYA
2003.11.20	Ibaraki Newspaper	Journalist, Yuichj SAGAWA
2003.12.03	National Institute of Radiological Sciences	Project Leader, Takashi IMAI
2003.12.05	Hiroshima University	Prof. Yukio KATO
2003.12.09	Div. of Human Gene Therapy, Dept of Med, Path and Surg, and the Gene Therapy, Ctr at UAB, Univ of Alabama at Birmingham	Dr. David T. Curiel
2003.12.16	Showa University	Assistant Prof. Kyoko TAMURA
2003.12.22	Joyo Newspaper	Journalist, Aoi OKAMURA
2004.01.09	The Graduate University for Advanced Studies (SOKENDAI)	Vice-President, Naoyuki TAKAHATA
2004.01.19	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Staff, Keigo KASATANI
2004.01.21	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Section head, Minoru YONEKURA
2004.02.02	RIKEN	Executive Director, Kenji OKUMA
2004.02.06	Tohoku University	Assistant, Seiji TAKAHASHI
2004.02.13	Group considering a human right and environment in Tsukuba	Sumiko NAKAJIMA
2004.02.25	Institute of Microbiology, Chinese Academy of Sciences	Director and Prof. Gao Fu
2004.03.17	Tsubakimoto Kogyo Co., Ltd.	Team Leader, Mitsuru SHIMIZU

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Date	Affiliation	Name
2004.04.09	University of Tsukuba	President, Yoichi IWASAKI
2004.04.12	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Staff, Kounosuke SORIMACHI
2004.04.15	Institute Pasteur	Director, M. Philippe Kourulsky
2004.04.15	Embassy of France in Japan	Science Officer, M. Stephane Roy
2004.04.19	Institute of Zoology and Department of Life Science National Taiwan University	Prof. Yu, Alex Hon-Tsen
2004.04.30	Tsukuba Center Inc.	Executive Director, Eiichi MIKAMI
2004.04.30	Ibaraki Prefecture Government	Chief, Hideki IINO
2004.05.07	British Embassy in Tokyo	Senior Science Officer, Yaeko MITSUMORI
2004.06.25	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Assistant Director, Takuya SAITO
2004.07.08	UFJ Institute	Senior Consultant, Tatsuya ITO Associate, Kazuhiro NOMURA
2004.07.29	Mahidol University, Faculty of Science, Department of Biotechnology, Thailand	Assistant Prof. Dr. Jarunya Narangajavana
2004.08.23	Institute of Environmental Science and Research Limited, New Zealand	Chief Executive Officer, Dr. John Hay
2004.09.02	Munhwa Broadcasting Corp. (MBC)	Journalist, Lee Joohoon
2004.09.10	Shanghai Model Research Center for Model Organisms	Director, Wang Zhugang
2004.09.27	Ministry of Education, Culture, Sports, Science and Technology Life Science Division, Research Promotion Bureau	Kazuko TAJAHATA
2004.10.07	Medical Research Council, Mammalian Genetics Unit, Frozen Embryo & Soerm Archive	Dr. Martin D. Fray

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2004.10.12	Ishiwata Obstetrics & Gynecology Hospital	Hospital Director, Isamu ISHIWATA
2004.10.14	Saitama Cancer Center	Assistant Prof, Yoshibumi MATSUSHIMA
2004.10.18	Kochi University	Prof, Keisuke EDASHIGE
2004.11.04	The University of Tennessee, Graduate School of Medicine Department of Medical Genetics	Prof, Albert T. Ichiki
2004.11.17	National Taiwan University, College of Medicine	Prof, Zee-Fen Chang
2004.12.07	Chinese Academy of Sciences	Vice Director, Hua Renchang
2004.12.13	Hokkaido University	Prof. Shinichiro NISHIMURA
2004.12.14	Northan Advancement for Science and Technology	Dr. Mikio SOTOMURA
2004.12.16	CDB, RIKEN	Team Leader, Teruhiko WAKAYAMA
2004.12.20	Kyoto University	Dr. Tsuyoshi MIYAKAWA
2004.12.24	InterBio Intelligence Offer	Senior Researcher, Kenichi WAKABAYASHI
2004.12.27	Fukuyama University	Prof. Yasunori YAMAGUCHI
2005.01.06	Tokyo University	Prof. Kunio SHIOTA
2005.02.05	National Research Institute of Fisheries Science, Fisheries Research Agency	Ex-Director, Kenji NOSE
2005.02.28	Ministry of Education, Culture, Sports, Science and Technology	Senior Dupty Director, Kiyoshi YOSHIDA
2005.3.17	Japan Science and Technology Agency	Dr. Yukihiko WATANABE
2005.03.24	Taipei Economic and cultural Represative office in Japan	Director of Science & Technology Division, Dr.Chang-Fa Yeh
2005.03.24	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Section Head, Satoshi ASHIDATE

2005

Date	Affiliation	Name
2005.04.05	Kagoshima University	Honor Professor, Toshio SONODA
2005.04.28	National Institute of Biomedical Innovation	Project Leader, Sawako SUEMATSU
2005.05.12	The Tokyo Metropolitan Institute of Medical Science (Rinshoken)	Vice Director, Hiromichi YONEKAWA
2005.05.12	Immuno-Biological Laboratories Co., Ltd.	President, Tsutomu SEITO 1 members
2005.05.23	Yokohama City University	Associate Professor, Takehiko OGAWA
2005.06.06	Laboratory of Genetics, National Institute on Aging, National Institute of Health	Dr. Kazuhiro KYONIWA
2005.06.30	Kyoto University	Professor, Matsuo YOSHIDA
2005.07.07	Agency for Science, Technology and Research (A*STAR)	Chairman: Philip YEO
2005.07.07	Embassy of Singapore in Japan	
2005.07.20	Non-profit organization Science Communication Japan	Director, Mamoru HAYASHI
2005.07.21	Tokyo University	Associate Professor, Chikako SHINGYOJI
2005.07.25	Banyu Pharmaceutical Co., Ltd.	
2005.07.25	Kansai University of International Studies	Professor,
2005.08.02	Ecology and Evolutionary Biology, the University of Michigan	Professor, Priscilla Kate Tucker
2005.08.26	Japan Science and Technology Agency	Dr. Makoto FURUTANI-SEIKI
2005.10.06	Model Animal Research Center of Nanjing University	Director/Professor, Gao XIANG
2005.10.13	Psychiatry UIC Psychiatric Institute	Dr. Pedro W. CROUS
2005.10.14	Bureau of Science and Technology Policy Cabinet Office	Counselor, Mitsuaki YAMAMOTO
2005.10.19	GSF- National Research Center for Environment and Health Institute of Developmental Genetics	Group Leader, Dr. Kenji IMAI
2005.10.19	Ministry of Education, Culture, Sports, Science and Technology Research Promotion Bureau	Senior Deputy Director, Yoshinori AOKI
2005.10.20	Japan Health Science Foundation	Mr. Takamitsu HISADA
2005.11.04	Embassy of France in Japan	Director, Lois Rechaussat
2005.11.08	Okinawa Institute of Science and Technology Promotion Cooperation	Dr. Shogo ENDO
2005.11.18	Sysmex Cooperation	Mr. Masatoshi YAMAZAKI
2005.11.29	National Applied Research Laboratories	Director, Ling, San-chi

2003 ~ 2005

16. Facilities, Budget and Members

BRC Grounds

		2003	2004	2005
Total Grounds		50,573,350 m ²	50,573,350 m ²	50,573,350 m ²
	Institute area	49,019,810 m ²	50,573,350 m ²	50,573,350 m ²
	Residential area	1,553,540 m ²	50,573,350 m ²	50,573,350 m ²
BRC Building area		11,553,071 m ²	50,573,350 m ²	50,573,350 m ²
Total floor space		29,558,896 m ²	29,558,896 m ²	29,558,896 m ²

BRC Budget

	2003	2004	2005
BRC Total Budget	388,683 x10 ^{x3}	1,954,180 x10 ^{x3}	1,887,543 x10 ^{x3}
(Total in Tsukuba Institute)	595,158 x10 ^{x3}	2,638,992 x10 ^{x3}	2,598,026 x10 ^{x3}

RR2002 National BioResource Project trust fund 1,450,000 x10³yen

(Collection, preservation and distribution of BioResource operate in National BioResource Project trust fund)

BRC Members

		2003	2004	2005
BRC Total Members		206	258	285
	Tenure	27	35	34
	Contract			
	Members	26	26	50
	Others	197	197	201