11. Roster of Researchers

Status of March 31, 2004

Yasuhiro Sasaki, M.D., PhD., President
Toshihiko Ozawa, PhD., Executive Director
Yoshiro Miki, Executive Director

Research Center for Radiation Safety
Sentaro Takahashi, Ph.D., Supervisory Director

Research Promotion Office
Sentaro Takahashi, Ph.D., Head
Hiroko Ito

Director of Special Research
Shigeo Uchida, Ph.D., Head of Special Research

Biospheric Assessment for Waste Disposal
Shigeo Uchida, Ph.D., Head
Keiko Tagami, Ph.D.
Nobuyoshi Ishii, Ph.D.
Yasu Nakamur, Ph.D.

Nakaminoto Laboratory for Marine Radioecology
Masashi Kusakabe, PhD., Director
and 7 staffs

Low Dose Radiation Effects Research Project
Toshiaki Ogiu, M.D., Ph.D., Director
Yoshihi Shimada, Ph.D., Vice-Director

Biological Effects of Neutrons
Toshiaki Ogiu, M.D., Ph.D. Team Leader
Yasushi Ohmachi, D.V.M., Ph.D.
Shin Saigusa, Ph.D.

Radiation and Environmental Carcinogenesis
Yoshihi Shimada, Ph.D. Team Leader
Mayumi Nishimura
Tatsuhiko Imaoka, Ph.D.
Shizuku Kakimura, Ph.D.
Yoshikazu Kuhwahara, Ph.D.

Genetic Effects on Radiation Carcinogenesis
Hideo Tsuji, Ph.D. Team Leader
Tomoyasu Higashi, M.S.
Hiroko Ishii, Ph.D.
Takanori Katsube, Ph.D.

Hereditary Effects of Radiation
Masatake Yamauchi, Ph.D. Team Leader

Radiation effects on Germ Cells
Tadahiro Shimi, Ph.D. Team Leader
Masahiko Takahagi, Ph.D.

International Space Radiation Laboratory
Kazunobu Fujitaka, Ph.D., Director
Takashi Nakamura, Ph.D.
Toshisuke Kashiwagi, Ph.D.
Masahide Furukawa, Ph.D.

Radiation measurements in space
Hirosi Yamaguchi, Ph.D., Team Leader
Masashi Takada, Ph.D.
Yukio Uchihori, Ph.D.
Nakhiro Yasuda, Ph.D.
Hisashi Kitanuma, M.S.
Mieko Kurano

Radiation protection in space
Kazunobu Fujitaka, Ph.D., Team Leader
Hirosi Yasuda, Ph.D.
Susumu Kinpara, Ph.D.

Cellular and molecular effects in space
Ryuichi Okaysu, Ph.D., Team Leader
Kumie Nojima, B.S.
Masao Suzuki, Ph.D.
Chizuru Tsuruoka
Maki Okada

Preventive medicine in space
Satoshi Fukuda, D.V.M., Ph.D., Team Leader
Haruzo Iida
Naoko Yayoshi, D.V.M.

Environmental Radiation Protection Research Group
Nobuhiro Ishigure, Ph.D., Director
Masashi Kusakabe, Ph.D., Vice-Director

Radionuclide Behavior around the Living Environment
Kunio Shiraishi, Ph.D., Team Leader
Sarata Kumar Sahoo, Ph.D.
Shinzo Kimura, Ph.D.

Internal Exposure
Yoshikazu Nishimura, D.V.M., Ph.D., Team Leader
Yoshito Watanabe, Ph.D.
Shino Homma-Takeda, Ph.D.
Masae Yukawa, Ph.D.

Radiation Protection Dosimetry
Nobuhiro Ishigure, Ph.D., Team Leader
Takashi Nakano, Ph.D.
Masaki Matsumoto, M.S.
Hiroko Enomoto

**Radiation Epidemiology and Risk Assessment**
Yasuhiro Yoshimoto, Ph.D., Team Leader
Shinji Yoshinaga, Ph.D.

**Distribution of Radionuclides in the Ocean**
Masatoshi Yamada, Ph.D., Team Leader
Tatsuo Aono, Ph.D.
Jian Zheng, Ph.D.
Takahiro Nakaniishi, Ph.D.
Tomofumi Sakuragi, Ph.D.

**Mechanism of Accumulation of Radionuclides and Stable Isotopes by Marine Organisms**
Toshiaki Ishii, Ph.D., Team Leader
Motokazu Nakahara, B.S.
Mitsue Matsuba

**Assessments of Radiological Impacts of Releases of Radioactive Substances into the Marine Environment**
Teruhisa Watabe, M. S., Team Leader
Setsuko Yokusuka

**Environmental and Toxicological Science Research Group**
Yasuyuki Muramatsu, Ph.D., Director

**Environmental Toxicology**
Yasuyuki Muramatsu, Ph.D., Head
Hiroshi Sato, Ph.D.
Yoshihisa Kubota, D.V.M.
Akira Fujimori, M.D., Ph.D.
X.Z.Sun, Ph.D.
Katsutoshi Suegami, M.D., M.S.

**Model Ecosystem Studies**
Hiroshi Takeda, Ph.D., Head
Kiriko Miyamoto, Ph.D.
Kei Yanagisawa, Ph.D.
Shoichi Fuma, Ph.D.
Nobuyoshi Ishii, Ph.D.

**Methodology Development**
Masahiro Doi, Ph.D., Head
Nobuyuki Tanaka

**Biogeochemical Research**
Satoshi Yoshida, Ph.D., Head
Shigeo Uchida, Ph.D.
Keiko Tagami, Ph.D.
Tadaaki Ban-nai, M.S.

**Radon Research Group**
Yoji Yamada, Ph.D., Director

**1st Team**
Masahide Furukawa, Ph.D. Team Leader.
Shinji Tokonami, Ph.D.
Hirokazu Ichitsubo, Ph.D.
Csaba Nemeth

**2nd Team**
Hidenori Yonehara, Ph.D. Team Leader.
Kumiko Fukatsu, Ph.D.

Tetsuo Ishikawa, Ph.D.
Weihai Zhuo, Ph.D.
Akira Koizumi, B.S.

**Redox Regulation Research Group**
Nobuo Ikota, Ph.D., Director

**1st Team**
Jun-ichi Ueda, Ph.D. Team Leader
Hidehiko Nakagawa, Ph.D.
Ikuo Nakaniishi, Ph.D.

**2nd Team**
Kazunori Anzai, Ph.D. Team Leader
Keizo Takeshita, Ph.D.
U Winn Aung, Ph.D.
Badal Mandal, Ph.D.

**3rd Team**
Nobuo Ikota, Ph.D. Team leader
Makoto Onoda, Ph.D.

**4th Team**
Nobuo Ikota, Ph.D. Team leader
Keiko Suzuki, Ph.D.
Hiroshi Ishihara, Ph.D.
Izumi Tanaka

**Radiation Hazards Research Group**
Isamu Hayata, Ph.D., Director

**1st Team**
Isamu Hayata, Ph.D., Team Leader
Masako Minamisomatsu, B.S.
Reiko Kanda, Ph.D.
Akira Furukawa, Ph.D.
Mitsuki Yoshida, Ph.D.

**2nd Team**
Isamu Hayata, Ph.D., Team Leader
Kazuko Yoshida, Ph.D.
Kaoru Tanaka, B.S.
Wang Bing, Ph.D.

**3rd Team**
Osami Yukawa, Ph.D., Team Leader
Mitsuru Neno, Ph.D.
Tetsuo Nakajima, Ph.D.

**4th Team**
Tomohisa Hirobe, Ph.D., Team Leader
Hiromi Itsukaichi
Kiyomi Eguchi-Kasai, Ph.D.
Masahiko Mori, Ph.D.
Masahiro Murakami, Ph.D.
Manabu Koike, Ph.D.
Kimihiko Sugaya, Ph.D.
Yasuharu Ninomiya, Ph.D.

**Transcriptome Profiling Research Group**
Kouichi Tatsumi, M.D., Ph.D., Director
Masumi Abe, Ph.D., Team leader
Toshiyuki Saito, Ph.D., Team leader
Ikuko Furuno-Fukushi, Ph.D.
Yuko Noda
Eiko Kubo
Ryoko Araki, M.D., Ph.D. ¹
Yusui Kasama, B.S.
Ryutaro Fukumura, Ph.D. ²
Hiroshi Tanooka, Ph.D. ²

**Laboratory Animal Development and Research Group**
Satoru Matsushita, D.V.M., Ph.D., Director
Yuji Ishikawa, Ph.D., Team Leader
Seiji Kito, Ph.D.
Kouichi Maruyama, Ph.D. ⁴
Masanori Okamoto, Ph.D. ²
Akihiro Kawano, D.V.M., M.S. ¹

**Internal Radiation Effects Research Group**
Yoichi Oghiso, D.V.M., Ph.D., Director
Yutaka Yamada, D.V.M., Ph.D., Team Leader

**Research Center for Radiation Emergency Medicine**
Kenzo Fujimoto, Ph.D., Supervisory Director

**Administration Office**
Tosinobu Oumiya, Head and 1 staff

**Department of Radiation Emergency Medicine**
Makoto Akashi, M.D., Ph.D., Director

**Radiation Injury Clinic**
Toshiyasu Hirama, M.D., Ph.D., Head
Fumiaki Nakayama, M.D., Ph.D.
Hisayoshi Kondo, M.D.
Saori Kawamura, M.D.
Tetsuo Yamamoto, M.D. ²

**Clinical Intelligence Section**
Toshiyasu Hirama, M.D., Ph.D., Head ³

**Clinical Research Section**
Makoto Akashi, M.D., Ph.D., Head ³
Misao Hachiya, Ph.D.
Sang-Hee Park, Ph.D. ³
Daisaku Takai, Ph.D. ⁴

**Department of Dose Assessment**
Kenzo Fujimoto, Ph.D., Director ³

**Measurement Technology Development Section**
Yutaka Noda, B.S., Head
Kim Eunjoo

**Microanalysis Section**
Kunio Shiraishi, Ph.D., Head
Sarata Kumar Sahoo, Ph.D.
Shinzo Kimura, Ph.D.
Susumu Ko, Ph.D. ⁴

**Biokinetics Section**
Yoshikazu Nishimura, D.V.M., Ph.D. Head
Yoshito Watanabe, Ph.D.
Shino Takeda

**Physical Dosimetry Section**
Nobuhito Ishigure, Ph.D., Head ³
Takashi Nakano, Ph.D.
Masaki Matsumoto, B.S.
Hiroko Enomo

**Biological Dosimetry Section**
Mitsuaki Yoshida, Head

**Research Center for Charged Particle Therapy**
Hirohiko Tsuji, M.D., Supervisory Director

**Management Office**
Hirohiko Tsuji, M.D., Head ¹ and 2 staffs

**Hospital**
Junetsu Mizoe, M.D. Director

**Administrative Services Section**
Susumu Moriya, Head and 7 staffs

**Clinical Oncology Section**
Tadashi Kamada, M.D., Section Head
Tadaaki Miyamoto, M.D.
Hirotoshi Kato, M.D.
Shigeru Yamada, M.D.
Shigeo Yasuda, M.D.
Masayuki Baba, M.D.
Hiroshi Tsuji, M.D.
Tatsuya Ohno, M.D.
Takeshi Yanagi, M.D.

**Clinical Diagnosis Section**
Susumu Kandatsu, M.D., Section Head
Shingo Kato, M.D.
Hidehumi Ezawa, M.D.
Hiroko Moriya
Junko Noguchi
Katsunori Shimizu
Taijuu Yamada
Kyoosan Yoshikawa, M.D.
Riwa Kishimoto, M.D.

**Nursing Section**
Misako Nakamura, Section Head
Tamiko Satoh
Fusako Kitane
Chiemi Murakami
Noriko Tokuyama
28 staffs and 2 assistants

**Pharmacy Office**
Shin Watanabe, Head and 2 staffs

**Radiological Technology Office**
Kazuhiro Watanabe, Head and 10 staffs

**Department of Accelerator Physics and Engineering**
Satoru Yamada, Ph.D., Director

**Cyclotron Operation Section**
Toshihiro Homma, Ph.D., Section Head
Koji Kono ¹
Satoru Hojo
Yukio Sakamoto  

**HIMAC Operation Section**  
Eiichi Takada, Ph.D., Section Head  
Kozi Kono  
Shinji Sato  
Masayuki Muramatsu  
Mitsuo Yoshimoto  

**Technical Management Section**  
Takeshi Murakami, Ph.D., Section Head  
Akinori Sugirua  

**Low Energy Beam Research Section**  
Yukio Sato, Ph.D., Section Head  
Atsushi Kitagawa, Ph.D.  
Yoshiyuki Iwata, Ph.D.  
Takashi Fujisawa, Ph.D.  

**High Energy Beam Research Section**  
Satoru Yamada, Ph.D., Section Head  
Masayuki Kumada, Ph.D.  
Mitsutaka Kanazawa, Ph.D.  
Kozi Noda, Ph.D.  
Toshikiyuki Misu, Ph.D.  
Tomonori Uesugi, Ph.D.  
Fuminori Soga, Ph.D.  
Takehiro Tomitani, Ph.D.  

**Medical Physics Research Section**  
Masami Torikoshi, Ph.D., Section Head  
Shinichi Minohara, Ph.D.  
Narushiro Matsufuji, Ph.D.  

**Department of Medical Physics**  
Masahiro Endo, Ph.D., Director  
Mitsue Takeshita  

**Therapy Biophysics Section**  
Tatsuaki Kanai, Ph.D., Section Head  
Akifumi Fukumura, Ph.D.  
Nobuyuki Kanematsu, Ph.D.  
Li Qiang,  
Masataka Komori, Ph.D.  
Eriko Urakabe, Ph.D.  
Ryosuke Kohn, Ph.D.  

**Therapy System Section**  
Masahiro Endo, Ph.D., Section Head  
Hiroko Koyama-Ito, Ph.D.  
Nobuyuki Miyahara, Ph.D.  
Takanori Tsuno, Ph.D.  

**Imaging Physics Section**  
Hideo Murayama, Ph.D., Section Head  
Mikio Yamamoto, Ph.D.  
Hideharu Yoshida, M.S.  

**Medical Exposure Assessment Section**  
Kanae Nishizawa, Ph.D.  
Keiichi Akahane, Ph.D.  

**Department of Medical Imaging**  
Shuji Tanada, M.D., Director  

**Radiopharmaceutical Chemistry Section**  
Kazutoshi Suzuki, Ph.D., Head  
Terushi Haradahira, Ph.D.  
Kazuyosiyi Nemoto  
Masayuki Suzuki  
Ryuji Nakao  
Ren Iwata, Ph.D.  
Tomoko Nakanishi, Ph.D.  
Kiyoshi Matsumura, Ph.D.  

**Radiotracer and Radiopharmacology Section**  
Toshiaki Irie, Ph.D., Head  
Sadao Shibata, B.S.  
Kiyoshi Fukushi, M.S.  
Shinichiro Nagatsuka, M.S.  

**Clinical Imaging Section**  
Shuji Tanada, M.D., Head  
Tetsuya Suhara, M.D.  
Yukio Tateno, M.D.  
Katsuya Yoshida, M.D.  
Hiroyuki Takeda, M.D.  

**Informative Molecular Research Section**  
Hiroo Ikehira, M.D.,Head  
Hiroshi Shinkai, M.D.  
Takayuki Aoki, Ph.D.  
Yoshihide Akine, M.D.  
Yoko Kanazawa, Ph.D.  
Masao Ishihama, Ph.D.  
Mitsuhiro Ono, Ph.D.  
Eiji Yoshitome  

**Medical Information Processing Office**  
Hinako Toyama, Ph.D.,Head  
Shinichiro Sato, M.D.,Ph.D.  
Eiko Takeda  
Kozi Uemura, Ph.D.  

**Heavy-Ion Radiobiology Research Group**  
Koichi Ando, D.D.S., Ph.D., D.M.Sc., Group Leader  
Yoshiya Furusawa, Ph.D.  
Akiko Uzawa, B.Sc.  
Sachiko Koike B.Sc.  
Nobuhiko Takai, Ph.D.  
Mizuho Aoki, Ph.D.  

**Brain Imaging Project**  
Tetsuya Suhara, M.D., Ph.D., Head  
Shigeru Obayashi, Ph.D.  
Akihiro Takano, Ph.D.  
Kazuo Watanabe, Ph.D.  
Masaki Tokunaga, Ph.D.  
Hin Ki, Ph.D.  
Takuya Morimoto, Ph.D.  
Youko Ikoma, Ph.D.  
Fumihiko Yasuno, Ph.D.  

---

Kaori Inoue, Ph.D.  

**Director of Special Research**  
Tetsuya Suhara, M.D.  
Hinako Toyama, Ph.D.  
Yuji Nakamura, Ph.D.  

**Frontier Research Center**  
Hajime Murata, M.D., Ph.D. Supervisory Director  

**Research Promotion Office**  
Takashi Imai, Ph.D., Head  and 2 staffs  

**RedGenomics Project**  
Takashi Imai, Ph.D., Director  
Yoshi-nobu Harada, Ph.D., Vice-Director  
Mayumi Iwakawa, M.D., Ph.D., Vice-Director  
Sadayuki Ban, D.M.Sc., Ph.D.  
Yuichi Michikawa, Ph.D.  
Kumiko Saegusa, Ph.D.  
Masashi Sagara, Ph.D.  
Atsushi Tsuji, Ph.D.  
Shuhei Noda, M.D., Ph.D.  
Marika Ohtsuki, Ph.D.  
Ken-ichi Ishikawa, Ph.D.  

**Transcriptome Research Center**  
Sentaro Takahashi Ph.D., Supervisory Director  

**Research Promotion Office**  
Masumi Abe Ph.D., Head  and 1 staff  

**Gene Expression Profiling Project**  
Masumi Abe Ph.D., Director  
Ryuutarou Fukumura Ph.D.  
Koji Kadota Ph.D.  
Maki Nakahara, M.S.  
Naokazu Sasaki, B.S.  

**1st Team**  
Masumi Abe Ph.D., Head  
Ryoko Araki M.D., Ph.D.  

**2nd Team**  
Toshiyuki Saito Ph.D., Head  

**Division of Technical Support and Development**  
Masae Yukawa, Ph.D., Director  

**Technical Service and Development Section**  
Hitoshi Imaseki, B.E., Head  
Tsuyoshi Hamano, Ph.D.  
and 6 staffs  

**Laboratory Animal Development and Management Section**  
Satoru Matsushita, D.V.M., Ph.D., Head  
Masanori Okamoto, Ph.D.  
Akihiro Kawano, D.V.M., M.S.  
Seiji Kito, Ph.D.  
Kazuaki Ichinohe, B.S.  
Mikio Saito, Ph.D.  
and 6 staffs  

**Office of Information Technology**  
Hinako Toyama, Ph.D., Director  

**Information Technology Promotion Section**  
Hinako Toyama, Ph.D., Director  
and 2 staffs  

**Information Network System Development Section**  
Shozo Hongo, B.S., Head  
Hiroshi Takeshita, B.S.  
Shinichiro Sato, M.D., Ph.D.  

**Office of Planning and Coordination**  
Shiro Azawa, Ph.D., Director  
Hiroshi Yasuda, PhD., Planning Manager  
Reiko Kanda, PhD., Evaluation Manager and 6 staffs  

**Department of Research Promotion**  
Mitsuoki Morimyo, Ph.D., Director  

**International Co-operation Section**  
Hideo Tatsuzaki, M.D., Ph.D., head and 2 staffs  

**Research Promotion Section**  
Yukio Kamakura, Head and 5 staffs  

**Training School**  
Hisamasa Joshiba, Ph.D., Head  
Yoshiyuki Shirakawa, Ph.D.  
and 2 staffs