

# 11. Roster of Researchers

Status of March 31, 2005

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Yasuhito Sasaki, M.D., Ph.D., President

Toshihiko Ozawa, Ph.D., Executive Director

Yoshiro Miki, Executive Director

## **Research Center for Radiation Safety**

Sentaro Takahashi, Ph.D., Supervisory Director 1)

## **Research Promotion Office**

Sentaro Takahashi, Ph.D., Head 1)

Hiroko Ito

## **Director of Special Research**

Toshiaki Ogiu, M.D., Ph.D.

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

## **Senior Researcher**

Mitsuoki Morimyo, Ph.D.

## **Biospheric Assessment for Waste Disposal**

Shigeo Uchida, Ph.D., Head 1)

Keiko Tagami, Ph.D. 1)

Nobuyoshi Ishii, Ph.D. 1)

Yasuo Nakamaru, Ph.D. 4)

Sergei Tolmachev, Ph.D. 4)

## **Nakaminoto Laboratory for Marine Radioecology**

Masashi Kusakabe, Ph.D., Director

and 7 staffs

## **Low Dose Radiation Effects Research Project**

Yoshiya Shimada, Ph.D. Director

### **Biological Effects of Neutrons**

Toshiaki Ogiu, M.D., Ph.D. Team Leader 1)

Yasushi Ohmachi, D.V.M., Ph.D.

Shin Saigusa, Ph.D.3)

### **Radiation and Environmental Carcinogenesis**

Yoshiya Shimada, Ph.D. Team Leader 1)

Mayumi Nishimura

Tatsuhiko Imaoka, Ph.D.

Shizuko Kakinuma, Ph.D.3)

Yoshikazu Kuwahara, Ph.D. (April 2004-  
December 2004)4)

### **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 Shiomi, Ph.D. Team Leader

Masahiko Takahagi, Ph.D.

Takeshi Yasuda, Ph.D.4)

## **International Space Radiation Laboratory**

Kazunobu Fujitaka, Ph.D., Director

Takashi Nakamura, Ph.D. 2)

Toshisuke Kashiwagi, Ph.D. 2)

## **Radiation measurements in space**

Kazunobu Fujitaka, Ph.D., Team Leader 1)

Masashi Takada, Ph.D.

Yukio Uchihori, Ph.D.

Nakahiro Yasuda, Ph.D.

Hisashi Kitamura, M.S. 2)

## **Radiation protection in space.**

Hiroshi Yasuda, Ph.D., Team Leader1)

Susumu Kinpara, Ph. D.

Michiko Takami, Ph.D. 4)

## **Cellular and molecular effects in space**

Ryuichi Okayasu, Ph.D., Team Leader

Kumie Nojima, B.S.

Masao Suzuki, Ph.D.

Sergey Druzhinin, Ph.D. 4)

Chizuru Tsuruoka2)

Maki Okada2)

## **Preventive medicine in space**

Satoshi Fukuda, D.V.M., Ph.D., Team Leader

Haruzo Iida

Mizuyo Ikeda.2)

## **Environmental Radiation Protection Research Group**

Nobuhito Ishigure, Ph.D., Director 1)

Masashi Kusakabe, Ph.D., Vice-Director 1)

## **Radionuclide Behavior around the Living Environment**

Kunio Shiraishi, Ph.D., Team Leader 1)

Sarata Kumar Sahoo, Ph.D. 1)

Shinzo Kimura, Ph.D.

## **Internal Exposure**

Yoshikazu Nishimura, D.V. M., Ph.D., Team

<sup>1)</sup> Dual Capacity

<sup>2)</sup> Visiting Researcher

<sup>3)</sup> Research Fellow

<sup>4)</sup> Post Doctorial Fellow

Leader 1)  
 Yoshito Watanabe, Ph.D. 1)  
 Shino Homma-Takeda, Ph.D. 1)  
 Masae Yukawa, Ph.D. 1)

***Radiation Protection Dosimetry***

Nobuhito Ishigure, Ph. D., Team Leader 1)  
 Takashi Nakano, Ph.D. 1)  
 Masaki Matsumoto, M.S. 1)  
 Hiroko Enomoto 1)

***Radiation Epidemiology and Risk Assessment***

Yasuhiko 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 Nakanishi, Ph.D. 4)  
 Tomofumi Sakuragi, Ph.D. 4)

***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 Yokosuka

***Environmental and Toxicological Science Research Group***

Satoshi Yoshida, Ph.D., Director

***Environmental Toxicology***

Satoshi Yoshida, Ph.D., Head  
 Hiroshi Sato, Ph.D.  
 Yoshihisa Kubota, D.V.M., Ph.D.  
 Akira Fujimori, M.D., Ph.D.  
 X.Z.Sun, Ph.D.<sup>3)</sup>  
 Katsutoshi Suetomi, Ph.D.<sup>3)</sup>

***Model Ecosystem Studies***

Hiroshi Takeda, Ph.D., Head  
 Kei Yanagisawa, Ph.D.  
 Shoichi Fuma, Ph.D.  
 Nobuyoshi Ishii, Ph.D.

***Methodology Development***

Masahiro Doi, Ph.D., Head  
 Isao Kawaguchi, Ph.D.

***Biogeochemical Research***

Satoshi Yoshida, Ph.D., Head  
 Keiko Tagami, Ph.D.  
 Tadaaki Ban-nai, M.S.

***Radon Research Group***

Yuji Yamada, Ph.D. Director

***1st Team***

Masahide Furukawa, Ph.D Team Leader

Shinji Tokonami, Ph.D.

***Csaba Nemeth 2)***

***2nd Team***

Hidenori Yonehara, Ph.D. Team Leader  
 Kumiko Fukutsu, Ph.D.  
 Tetsuo Ishikawa, Ph.D.  
 Weihai Zhuo, Ph.D.

***Redox Regulation Research Group***

Nobuo Ikota, Ph.D. Director

***1st Team***

Nobuo Ikota, Ph.D. Team Leader 1)  
 Hidehiko Nakagawa, Ph.D.  
 Ikuo Nakanishi, Ph.D.

***2nd Team***

Kazunori Anzai, Ph.D. Team Leader  
 Keizo Takeshita, Ph.D.  
 U Winn Aung, Ph.D. 4)  
 Takashi Moritake, Ph.D. 4)

***3rd Team***

Nobuo Ikota, Ph.D. Team leader 1)  
 Makoto Onoda, Ph.D.

***4th Team***

Nobuo Ikota, Ph.D. Team leader 1)  
 Keiko Suzuki, Ph.D.  
 Hiroshi Ishihara, Ph.D.  
 Izumi Tanaka,

***Radiation Hazards Research Group***

Isamu Hayata, Ph.D., Director

***1st Team***

Reiko Kanda, Ph.D., Team Leader  
 Akira Furukawa, Ph.D.  
 Masahiro Murakami, Ph.D.  
 Mitsuaki Yoshida, Ph.D.<sup>1)</sup>

***2nd Team***

Isamu Hayata, Ph.D., Team Leader<sup>1)</sup>  
 Kazuko Yoshida, Ph.D.  
 Kaoru Tanaka, B.S.  
 Bing Wang, Ph.D.  
 Satsuki Tsuji

***3rd Team***

Isamu Hayata, Ph.D., Team Leader<sup>1)</sup>  
 Mitsuru Neno, Ph.D.  
 Tetsuo Nakajima, Ph.D.  
 Hiromi Itsukaichi  
 Masahiko Mori, Ph.D.  
 Kimihiko Sugaya, Ph.D.  
 Etsuko Hongo

***4th Team***

Tomohisa Hirobe, Ph.D., Team Leader  
 Kiyomi Eguchi-Kasai, Ph.D.  
 Manabu Koike, Ph.D.  
 Yasuharu Ninomiya, Ph.D.

**Transcriptome Profiling Research Group**

Masumi Abe, Ph.D., Director 1)  
 Masumi Abe, Ph.D., Team leader 1)  
 Toshiyuki Saito, Ph.D., Team leader 1)  
 Ikuko Furuno-Fukushi, Ph.D.  
 Yuko Noda  
 Eiko Kubo  
 Ryoko Araki, M.D., Ph.D. 1)  
 Yusuji Kasama, B.S.  
 Ryutaro Fukumura, Ph.D. 4)  
 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. 1)  
 Manabu Ikeda, D.V.M., Ph.D. 1)

**Internal Radiation Effects Research Group**

Sentaro Takahashi, Ph.D., Director 1)  
 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 Aakshi, M.D., Ph.D., Director

**Radiation Injury Clinic**

Toshiyasu Hirama, M.D., Ph.D., Head  
 Makoto Aakshi, M.D., Ph.D., Head 1)  
 Fumiaki Nakayama, M.D., Ph.D.  
 Tetsuo Yamamoto, M.D. 2)

**Clinical Intelligence Section**

Makoto Aakshi, M.D., Ph.D., Head 1)  
 Toshiyasu Hirama, M.D., Ph.D., Head 1)

**Clinical Research Section**

Makoto Aakshi, M.D., Ph.D., Head 1)  
 Misao Hachiya, Ph.D.  
 Daisaku Takai, Ph.D.  
 Sang-Hee Park, Ph.D. 3)  
 Makoto Sudo, Ph.D. 4)  
 Bennaz Goudarzi, M.D. 4)

**Department of Dose Assessment**

Kenzo Fujimoto, Ph.D., Director 1)

**Measurement Technology Development Section**

Toshikazu Suzuki, Head  
 Kim Eunjoo, Ph.D.  
 Kazuaki Yajima, Ph.D. 4)

**Microanalysis Section**

Kunio Shiraishi, Ph.D. Head  
 Sarata Kumar Sahoo, Ph.D.  
 Susumu Ko, Ph.D. 4)

**Biokinetics Section**

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

**Physical Dosimetry Section**

Nobuhito Ishigure, Ph.D. Head 1)  
 Takashi Nakano, Ph.D.  
 Masaki Matsumoto, B.S.  
 Hiroko Enomoto

**Biological Dosimetry Section**

Mitsuaki Yoshida, Ph.D. Head

**Research Center for Charged Particle Therapy**

Hirohiko Tsujii, M.D., Supervisory Director  
 Management Office  
 Hirohiko Tsujii, M.D., Head 1) and 2 staffs

**Hospital**

Junetsu Mizoe, M.D. Director

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Youichi Kawamura, Head and 7 staffs

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 Tadaaki Miyamoto, M.D.  
 Hirotohi 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.  
 Hitoshi Ishikawa, M.D.

**Clinical Diagnosis Section**

Susumi Kandatsu, M.D., Section Head  
 Shingo Kato, M.D.  
 Hidehumi Ezawa, M.D.  
 Hiroko Moriya  
 Junko Noguchi  
 Katsunori Shimizu  
 Taijyu Yamada  
 Kyosan Yoshikawa, M.D.  
 Riwa Kishimoto, M.D.  
 Shuhei Komatsu, M.D.

**Nursing Section**

Misako Nakamura, Section Head  
 Chiemi Murakami  
 Noriko Tokuyama  
 Tamiko Satoh  
 Fusako Kitane  
 Yoko Yamasita  
 28 staffs Members and 2 assistants

**Pharmacy Office**

Shin Watanabe Head and 2 staffs

**Radiological Technology Office**

Kazuhiro Watanabe Head and 10 staffs Members

**Department of Accelerator Physics and Engineering**

Satoru Yamada, Ph. D., Director

**Cyclotron Operation Section**

Toshihiro Honma, Ph. D., Section Head

Koji Kono 1)

Satoru Hojo

Yukio Sakamoto

**HIMAC Operation Section**

Eiichi Takada, Ph. D., Section Head

Koji Kono

Shinji Sato

Masayuki Muramatsu

Mitsuo Yoshimoto

**Technical Management Section**

Takeshi Murakami, Ph. D., Section Head

Akinori Sugiura

**Low Energy Beam Research Section**

Yukio Sato, Ph. D., Section Head

Atsushi Kitagawa, Ph. D.

Yoshiyuki Iwata, Ph.D.

**High Energy Beam Research Section**

Satoru Yamada, Ph. D., Section Head 1)

Masayuki Kumada, Ph. D.

Mitsutaka Kanazawa, Ph. D.

Koji Noda, Ph. D.

Toshiyuki Misu, Ph. D. 4)

Tomonori Uesugi, Ph.D. 4)

Fuminori Soga, Ph. D.

Takehiro Tomitani, Ph. D.

**Medical Physics Research Section**

Masami Torikoshi, Ph. D., Section Head

Shinichi Minohara, Ph. D.

Naruhiko Matsufuji, Ph. D.

Masataka Komori, Ph. D.

**Department of Medical Physics**

Masahiro Endo, Ph.D., Director<sup>1)</sup>

Mikio Yamamoto, Ph.D.

Mitsue Takeshita, Secretary

**Therapy Biophysics Section**

Tatsuaki Kanai, Ph.D., Section Head

Akifumi Fukumura, Ph.D.

Nobuyuki Kanematsu, Ph.D.

Eriko Urakabe, Ph.D.<sup>4)</sup>

Ryosuke Kohn, Ph. D.<sup>4)</sup>

**Therapy System Section**

Masahiro Endo, Ph.D., Section Head<sup>1)</sup>

Hiroko Koyama-Ito, Ph.D.

Nobuyuki Miyahara, Ph.D.

Takanori Tsnoo, Ph.D.<sup>4)</sup>

**Imaging Physics Section**

Hideo Murayama, Ph.D., Section Head

Taiga Yamaya, Ph.D.

Eiji Yoshida, Ph.D.<sup>4)</sup>

**Medical Exposure Assessment Section**

Kanae Nishizawa, Ph.D.

Keiichi Akahane, Ph.D.

**Department of Medical Imaging**

Shuji Tanada, M.D., Director

Taiko Joshima, Secretary

**Radiopharmaceutical Chemistry Section**

Kazutoshi Suzuki, Ph.D., Head

Terushi Haradahira, Ph.D.

Toshimitsu Fukumura, Ph.D.

Kazuyoshi Nemoto

Masayuki Suzuki

Ryuji Nakao, Pharmacist

Takuya Endo, Ph.D. <sup>4)</sup>

K.M.EI-Azony, Ph.D. <sup>4)</sup>

Osamu Inoue, Ph.D. <sup>3)</sup>

Kazuhiro Takahashi, Ph.D. <sup>3)</sup>

Christer Halldin, Ph.D. <sup>3)</sup>

Ren Iwata, Ph.D. <sup>3)</sup>

Tomoko Nakanishi, Ph.D. <sup>3)</sup>

Kiyoshi Matsumura, Ph.D. <sup>3)</sup>

Keiko Kawahara, Secretary

**Radiotracer and Radiopharmacology Section**

Toshiaki Irie, Ph.D., Head

Kiyoshi Fukushi, M.S.

Tatsuya Kikuchi

Hitoshi Shinoto, M.D., Ph.D. <sup>2)</sup>

Tsuneyoshi Ota, M.D., Ph.D. <sup>2)</sup>

Noriko Tanaka, M.D., Ph.D. <sup>2)</sup>

Shigeki Hirano, M.D. <sup>2)</sup>

Koichi Sato, M.D., Ph.D. <sup>2)</sup>

Tetsuya Shiraishi, M.D., Ph.D. <sup>2)</sup>

Shin - ichiro Nagatsuka, M.S. <sup>2)</sup>

**Clinical Imaging Section**

Shuji Tanada, M.D., Head <sup>1)</sup>

Takayuki Obata, M.D.

Kenichi Odaka, M.D. <sup>3)</sup>

Yukio Taten, M.D. <sup>2)</sup>

Katsuya Yoshida, M.D. <sup>2)</sup>

Hiroyuki Tadokoro, M.D. <sup>2)</sup>

**Informative Molecular Research Section**

Hiroo Ikehira, M.D., Head

Hiroshi Shinkai, M.D. <sup>2)</sup>

Takayuki Aoki, Ph.D. <sup>2)</sup>

Yoshihide Akine, Ph.D. <sup>3)</sup>

Yoko Kanazawa, Ph.D. <sup>3)</sup>

Masao Ishihama, Ph.D. <sup>3)</sup>

Mitsuhiro Ono, Ph.D. <sup>3)</sup>

Eiji Yoshitome <sup>3)</sup>

**Medical Information Processing Office**

Yutaka Ando, M.D., Ph.D., Head

Shinichiro Sato, M.D., Ph.D. 1)  
Eiko Takeda  
Koji Uemura, Ph.D.

**Heavy-Ion Radiobiology Research Group**

Koichi Ando, D.D.S., Ph.D., D.M.Sc., Director  
Yoshiya Furusawa, Ph.D.  
Akiko Uzawa, B.Sc.  
Nobuhiko Takai, Ph.D.  
Mizuho Aoki, Ph.D. 4)

**Brain Imaging Project**

Tetsuya Suhara, M.D., Head 1)  
Shigeru Obayashi, Ph.D.  
Akihiro Takano, Ph.D.  
Kazuo Watanabe, Ph.D. 3)  
Masaki Tokunaga, Ph.D. 4)  
Hin Ki, Ph.D. 4)  
Takuya Morimoto, Ph.D. 4)  
Youko Ikoma, Ph.D. 4)  
Fumihiko Yasuno, Ph.D. 4)  
Kaori Inoue, Ph.D. 4)

**Director of Special Research**

Tetsuya Suhara, M.D.

**Frontier Research Center**

Hajime Murata, M.D., Ph. D. Supervisory  
Director

**Research Promotion Office**

Takashi Imai, Ph.D., Head 1) 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.  
Atsuko Ishikawa, B.S.  
Yoshimi Ohtsuka.  
Tomo Suga, M.S.  
Aya Sugyo, M.S.  
Hitomi Sudo, M.S.  
Miyako Goto, B.S.  
Toshie Ohta, M.S.  
Masakazu Kouda, M.S.  
Seiko Kawai  
Aki Furuno, M.S.  
Hiroko Tanaka, M.S.

Hideyuki Suzuki

**Transcriptome Research Center**

Sentarō Takahashi, Ph.D., Supervisory Director 1)

**Research Promotion Office**

Masumi Abe, Ph.D., Head 1)  
Takuya Mitsuhashi 1)

**Gene Expression Profiling Project**

Masumi Abe, Ph.D., Director  
Ryuutarou Fukumura, Ph.D.  
Koji Kadota, Ph.D.  
Maki Nakahara, M.S. 2)  
Naokazu Sasaki, B.S. 2)

**1st Team**

Masumi Abe, Ph.D., Head 1)  
Ryoko Araki, M.D., Ph.D.

**2nd Team**

Toshiyuki Saito, Ph.D., Head

**3rd Team**

Aakira Nifuji, Ph.D., Head

**Division of Technical Support and Development**

Masae Yukawa, Ph.D., Director

**Technical Service and Development Section**

Hitoshi Imaseki, Ph.D., Head  
Tsuyoshi Hamano, Ph.D.  
and 6 staffs

**Laboratory Animal Development and Management Section**

Satoru Matsushita, D.V.M., Ph.D., Head 1)  
Masanori Okamoto, Ph.D.  
Akihiro Kawano, D.V.M., M.S.  
Seiji Kito, Ph.D.1)  
Kazuaki Ichinohe, B.S. 4)  
Mikio Saito, Ph.D. 4)  
and 6 staffs

**Office of Information Technology**

Masae Yukawa, Ph.D., Director 1)

**Information Technology Promotion Section**

Atsuro Ishida, M.S., Head  
and 2 staffs

**Information Network System Development Section**

Hiroshi Takeshita, B.S., Head  
Shinichiro Sato, M.D., Ph.D.  
and 1 staff

**Office of Planning and Coordination**

Shiro Aizawa, Ph.D., Director  
Shinichi Mizumoto, Head  
Yoshinobu Harada, Ph.D., Planning Manager  
Assistant Director for Research Planning  
Yoshihisa Kubota, Ph.D., Evaluation Manager  
Assistant Director for Evaluation  
and 4 staffs

***Department of Research Promotion***

Masahiro Endo, Ph.D., Director

Yukio Kamakura, Vice Director

***International Co-operation Section***

Hideo Tatsuzaki, M.D., head and 2 staff

***Research Promotion Section***

Yukio Kamakura, Head and 5 staffs

***Training School***

Junichi Ueda, Ph.D, Head

Yoshiyuki Shirakawa, Ph.D.

and 2 staff