

Marine Biotechnology Conference 2003

21-27 Sept.2003
Chiba, Japan

Second Circular and Call for Abstracts

6th International Marine Biotechnology Conference
5th Asia-Pacific Marine Biotechnology Conference



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INTRODUCTION

MBC 2003 is a combined meeting of the 6th International Marine Biotechnology Conference and the 5th Asia-Pacific Marine Biotechnology Conference. In association with the conference, two satellite symposia, "Marine Microbes and Extremophiles" and "Aqua Genome", will be held.

Since the first IMBC in Tokyo, in 1989, successive conferences have been held in the United States (1991), Norway (1994), Italy (1997) and Australia (2000). After 14 years, we are delighted to host the 6th conference in Japan, in collaboration with the Asia-Pacific Society for Marine Biotechnology. MBC 2003 also follows four earlier successful conferences held by the APSMB: Japan (1995), Thailand (1997), Philippines (1999), and Hawaii (2002).

INVITATION TO ATTEND

The interdisciplinary fields aligned with marine biotechnology offer unique approaches to better understanding nature and our environments, and increasingly provide us with more useful technological tools and applications.

MBC 2003 aims to be a uniquely global, international forum, welcoming some of the world's most renowned scientists, and providing participants important opportunities to exchange information, ideas, new research findings and innovations.

The organizing Committees for the IMBC and APMBC, and the International Program Committee invite you to MBC 2003, to be held in Chiba and Tokyo, Japan, September 21-27, 2003.



A stylized, handwritten signature in dark ink, appearing to read 'T. Matsunaga'.

Dr. Tadashi Matsunaga,
Conference Chairperson

ORGANIZATION

IMBC International Organizing Committee

Tadashi Matsunaga, Japan (Chair)
Giorgio Bernardi, Italy
Vernon Coyne, South Africa
Harlyn Halvorson, USA
Fujio Ishikawa, Japan
Charles M. Kinoshita, USA
Shigetoh Miyachi, Japan
Jan Olafsen, Norway

Joseph Baker, Australia
Thomas Chen, USA
Roger Foxall, Canada
Russell T. Hill, USA
Yves Le Gal, France
Marinus Meiners, Germany
Peter T. Murphy, Australia
Koichi Saito, Japan

APMBC International Organizing Committee

Tadashi Matsunaga, Japan (Chair)
Fujio Ishikawa, Japan
Jai-Yul Kong, Korea
Yuan Kun Lee, Singapore
Shigetoh Miyachi, Japan
Song Qin, China
Patrick Tellei, Palau

Shanta Achuthankutty, India
Charles M. Kinoshita, USA
Ah Theem Law, Malaysia
Piamsak Menasveta, Thailand
Nemesio Montano, Philippines
Antonius Suwanto, Indonesia

International Program Committee

Russell T. Hill, USA (Chair)
Nobuhiro Fusetani, Japan
Daniel Chourrout, Norway
Mark T. Hamann, USA

Piamsak Menasveta, Thailand (Co-chair)
Takashi Aoki, Japan
Hillel Gordin, Israel
Jo-Ann C. Leong, USA

National Organizing Committee

Masayuki Ohmori (Chair)
Nobuhiro Fusetani
Koki Horikoshi
Fujio Ishikawa
Akihiko Maruyama
Wataru Miki
Masaaki Morisawa
Michio Oishi
Mitsumasa Okada
Yoshihiro Shiraiwa
Takashi Sugimura
Fumio Takashima
Shugo Watabe
Kazunaga Yazawa

Hisashi Kikuchi (Co-chair)
Hiroshi Hatanaka
Yuzaburo Ishida
Seiji Kaneko
Tadashi Maruyama
Hideaki Miyashita
Takeshi Naganuma
Yoshiro Okami
Naotsune Saga
Yoshikazu Shizuri
Kazuo Tachibana
Kaoru Tsujii
Toshiki Watanabe

Secretary General

Haruko Takeyama, Japan

CONFERENCE DATE AND LOCATION

Marine Biotechnology Conference 2003 will be held for 7 days from September 21 to 27 (Sunday to Saturday) in 2003. The venue for the Conference is Nippon Convention Center (Makuhari Messe; URL: http://www.m-messe.co.jp/index_e.html). The conference and symposia sites are located in the greater Tokyo metropolitan area. Late September usually enjoys clear weather, with average temperatures in the range of 19° - 23°C (66° - 74°F).

INVITED SPEAKERS

Rita R. Colwell

Director, National Science Foundation, USA

Koki Horikoshi

Director General, Japan Marine Science and Technology Center, Japan

Shigetoh Miyachi

Executive Advisor, Marine Biotechnology Institute, Japan

Daniel E. Morse

Professor, University of California, Santa Barbara, USA

Giorgio Bernardi

President, Stazione Zoologica Anton Dohrn, Italy

Edward F. DeLong

Senior Scientist, Monterey Bay Aquarium Research Institute, USA

SATELLITE SYMPOSIA

Marine Microbes and Extremophiles (September 25 and 26)

Kazusa Akademia Center, Chiba

2-3-9, Kazusa-kamatari, Kisarazu-shi, Chiba 292-0812, Japan

Phone: +81-438-20-5555

URL: http://www.kap.co.jp/english/index_e.html

Aqua Genome (September 25 to 27)

National Olympics Memorial Youth Center

3-1, Yoyogi Kamizono-cho, Shibuya-ku, Tokyo 151-0052, Japan

Phone: +81-3-3467-7201

URL: <http://www.nyc.go.jp/e/index.html>

CALL FOR PAPERS

Abstracts in English (*A4 size, one page*) should be submitted no later than **January 31, 2003**. Submission of abstracts for the Satellite Symposia "Aqua Genome" is accepted until **June 30, 2003**. The submitted abstracts will be reviewed by MBC2003 International Program Committee. Notification of acceptance for oral or poster presentation will be delivered after **May 1, 2003**. Abstracts must be submitted through the Conference homepage; <http://www.tuat.ac.jp/~marine/>.

Topics for Abstract Submission

Microbe-Host Interactions:

1. Symbiosis
2. Biofilms, adhesion and bacterial communication
3. Innate immunity and host receptors

Microbial Ecology and Environmental Microbiology:

4. Marine molecular ecology/gene discovery
5. Bioremediation
6. Eukaryote microbes: Protozoa, Dinoflagellates, and Fungi
7. Marine viruses
8. Climate change, the microbial loop and nutrient cycling

Extremophiles:

9. Thermophiles
10. Piezophiles
11. Other marine extremophiles

Cell, Molecular and Developmental Biology:

12. Cell and molecular biology
13. Developmental biology
14. Cell-cell signaling and circadian regulation

Aquaculture:

15. Disease
16. Reproductive Endocrinology
17. Endocrinology and growth
18. Genetics and development
19. Selective breeding in aquaculture

Industrial Applications, Biotech Start-ups and Intellectual Property:

20. Marine biotech start-ups
21. Intellectual property and access to marine biodiversity

Bio-active Substances:

22. New bioactive compounds from marine microorganisms
23. Biofouling
24. Symbiosis and natural products
25. Bioactive Peptides
26. Overcoming the supply problem for marine pharmaceuticals

Genomics, Proteomics and Bioinformatics:

27. Eukaryote genomics,
28. Genomics and disease resistance
29. Prokaryote genomics and proteomics
30. Genomics in bacterial pathogens of fish

Genetics, Molecular Biology and Breeding of Fish and Invertebrates:

31. Transgenic fish
32. Invertebrate molecular biology

- 33. Invertebrate biology and breeding
- Biomaterialization, Biomaterials and Nanotechnology:
 - 34. Biomaterialization and Biomaterials
 - 35. Algae biomaterialization and silica-based biomaterials
- Algal Biology and Biotechnology:
 - 36. Eukaryote algal disease and resistance
 - 37. Algal biotechnology
 - 38. Harmful algal blooms
 - 39. Algae and nutrition
- Environmental Science:
 - 40. Biodiversity (population genetics) and conservation
 - 41. Deep-sea ecosystems
 - 42. Environmental impacts of aquaculture
- Marine Policy:
 - 43. Marine policy and international collaboration in marine biotechnology
- Marine Biotechnology in Asia-Pacific Countries:
 - 44. Asia-Pacific marine biotechnology
- Workshop I:
 - 45. Macroalgal molecular biology and biotechnology
- Workshop II:
 - 46. BioHydrogen
- Aqua Genome (Satellite Symposia):
 - 47. Genome analysis of aquatic organisms and their applications
 - 48. DNA markers and genetics for aquaculture
 - 49. Molecular and gene technology for advanced aquaculture
 - 50. Molecular physiology and immunology of aquatic organisms

Submission by Post

Abstract submission by post is also available. Please prepare your abstract by MS Word and send a floppy disk and one hard copy to the following address no later than **January 4, 2003** (deadline). Submission of abstract for the Satellite Symposia "Aqua Genome" is accepted until **June 30, 2003**.

Send to: MBC2003 Abstract Secretariat
Events & Conventions
Kinki Nippon Tourist Co., Ltd.
Kyodo Bldg. 6F, 2-2, Kanda-Jimbocho, Chiyoda-ku,
Tokyo 101-0051, Japan
Tel: +81-3-3263-5581 Fax: +81-3-3263-5961
E-mail: MBC2003@knt-tokyo.gr.jp

PROCEEDINGS, FULL PAPER SUBMISSION

Proceedings will be published. All papers will be peer-reviewed. Full paper should be submitted at On-Site Registration Desk during conference. The instructions for paper submission will be announced on the main homepage of the Conference (<http://www.tuat.ac.jp/~marine/>).

REGISTRATION AND HOTEL ACCOMMODATIONS

Advance Registration and Official Travel Agency

Participants are requested to fill out the registration form, and return it together with the payment to Kinki Nippon Tourist Co., Ltd. (KNT), the official travel agency for the Conference. KNT will also handle travel arrangements including hotel accommodations.

Inquiries and applications in this regard should be addressed to:

MBC2003 Desk
Events & Conventions
Kinki Nippon Tourist Co., Ltd.
Kyodo Bldg. 6F, 2-2, Kanda-Jimbocho, Chiyoda-ku,
Tokyo 101-0051, Japan
Tel: +81-3-3263-5581 Fax: +81-3-3263-5961
E-mail: MBC2003@knt-tokyo.gr.jp

〒101-0051 東京都千代田区神田神保町2-2
共同ビル6階
近畿日本ツーリスト株式会社
イベント・コンベンション支店
MBC2003デスク係

On-line Registration

On-line registration is available through the main homepage of the Conference.

URL: <http://www.tuat.ac.jp/~marine/>

Registration Fee for MBC 2003

Category	On or before May 31, 2003	After June 1, 2003
Regular	¥40,000	¥45,000
Student	¥15,000	¥20,000
One-Day Registration	¥15,000	¥20,000
Accompanying person	¥15,000	

Notes:

- * The registration fee includes the program (including Satellite Symposia) and abstracts, Welcome Reception and Banquet.
- ** Accompanying person(s) will be able to participate in the Welcome Reception and Banquet but not be able to attend the conference.
- *** Students must submit a copy of student ID or student registration certificate issued by your organization along with the registration form.

Registration Fee for Marine Microbes and Extremophiles

	On or before May 31, 2003	After June 1, 2003
Registrant of MBC2003	Free	

Notes:

- * The registration fee includes the program and abstracts.

Registration Fee for Aqua Genome

	On or before May 31, 2003	After June 1, 2003
Registrant of MBC2003	Free	
Non Registrant of MBC2003	¥10,000	¥15,000

Notes:

- * The registration fee includes the program and abstracts and welcome reception.

On-site Registration Desk

On-site registration will be available at the Registration Desk set up in the conference venue. The desk will be opened from 15:00 on September 21, 2003.

Hotel Accommodations

Rooms have been reserved at hotels around the conference venue by KNT. For room reservation, please send the Registration Form to KNT by **August 10, 2003**. Reservation should be accompanied with the payment of room deposit and no reservation will be confirmed in the absence of the payment. Hotel reservations are proceeded on first-come-first-served basis. If your selected hotel is fully booked, we will make a reservation at your second choice hotel or the similar. After application deadline, KNT will send a confirmation slip informing the confirmed hotel name, and the exact room charge.

Hotel List for MBC 2003 (Makuhari Area)

Code	Name of Hotels	Room Type	m ²	Room charge	Deposit	Access to Venue from Hotel
A	Hotel New Otani Makuhari	Twin (single use)	26m ²	18,150 yen	20,000 yen	2 min. walk
		Twin	26m ²	22,000 yen	30,000 yen	http://www.newotani.co.jp/makuhari/en/
B	Makuhari Prince Hotel	Single	18m ²	9,000 yen	10,000 yen	2 min. walk
		Twin	33m ²	15,000 yen	20,000 yen	http://www.princehotels.co.jp/english/index.html
C	Hotel Francs	Single	17m ²	9,000 yen	10,000 yen	2 min. walk
		Twin	25m ²	16,000 yen	20,000 yen	http://www.francs.co.jp/ (Japanese only)
D*	Toyoko Inn Chiba Makuhari	Single	15m ²	5,500 yen	10,000 yen	15 min. by taxi
		Twin	15m ²	9,000 yen	10,000 yen	(no website available)

- 1) All room charges are per room per night including 10% service charge, 5% consumption tax is excluded. * The charges for Toyoko Inn Chiba Makuhari (Code: D) include room charge per night and breakfast.
- 2) The above rates are valid only during the period of MBC2003.
- 3) The deposit will be deducted from your hotel bill. Please settle the balance at the hotel cashier.
- 4) Those who will stay for one night only should send one night room charge instead of deposit.
- 5) The above rates and the information are subject to change without notice.

Hotel Accommodation for Marine Microbes and Extremophiles (Kisarazu, Chiba)

Code	Name of Hotels	Room Type	Room charge	Deposit	Access to Venue from Hotel
E	Okura Academia Park Hotel	Single	10,800yen	10,000 yen	Adjacent conference site
		Twin	8,600 yen	10,000 yen	

- 1) Above rate is per room per night including breakfast and 10% service charge. 5% consumption tax is excluded.
- 2) The deposit will be deducted from your hotel bill. Please settle the balance at the hotel cashier.
- 3) Those who will stay for one night only should send one night room charge instead of deposit.
- 4) The above rates and the information are subject to change without notice.

Accommodation for Aqua Genome

Accommodation will be provided at the National Olympic Memorial Youth Center, adjacent to the Satellite Symposium. The room costs ¥2,300 per night plus tax. No meals are included. The bathroom and shower room are not provided in this room. There are public bathrooms and shower room in the building. Rooms are separate for men and women (4 person per room). This room is only available from Sep. 25 2003 (check in) until Sep. 28 2003 (check out). The deadline for reservation of this room is on August 20, 2003. Those who would like to reserve rooms, please provide the full name, address, fax, phone numbers, and e-mail address by fax or e-mail. The contact person is as follows.

Ikuo Hirono, Ph.D. (E-mail: hirono@tokyo-u-fish.ac.jp / FAX: +81-3-5463-0689)

Laboratory of Genetic and Biochemistry

Department of Aquatic Biosciences

Tokyo University of Fisheries

You are requested to pay hotel fees when arrival at Japan. Payment should be made in Japanese yen, cash only. Credit card is not acceptable.

Payment

Payment of registration fee and the hotel deposit should be made only in Japanese Yen by one of the following methods.

- 1) Credit Card (VISA, Master Card, American Express, Diners Club or JCB only.)
*Please fill in the necessary items with your signature in the credit card section of the registration form. Japanese participants are requested to pay fees by a bank transfer.
- 2) Bank transfer to: Sumitomo Mitsui Banking Corp. 三井住友銀行 中央支店
Chuo Branch 普通口座 1855002
Account No.: 1855002 口座名 近畿日本ツーリスト(株)
Account Name: Kinki Nippon Tourist Co., Ltd. イベント・コンベンション支店
Events & Conventions Branch

Confirmation

KNT will send you a confirmation slip by e-mail after application deadline, August 10, 2003, informing the completed pre-registration, and hotel reservation along with the name of your hotel and necessary information. Please be sure to bring the confirmation slip when you register at the conference venue and when you check-in at your hotel.

Cancellation

In case of cancellation, a written notification should be sent directly to KNT to avoid any trouble. The cancellation charges are;

Registration

June 1 to August 31, 2003	50%
After September 1, 2003 or no notification	100%

Hotel accommodation

Up to 14 days prior to check-in date	No charge
13 - 7 days prior to check-in date	10% of daily room charge
6 - 2 days prior to check-in date	40% of daily room charge
Less than 2 days, or no notice given	100% of daily room charge

Refund

Refund will be made during or after the conference period, after deducting bank and/or credit card service charges and the cancellation penalties. If payment was made by credit card, refund will be made to the same credit card, and if by bank transfer, please inform us of your bank account.

Invitation Letter

An invitation letter will be sent on request. It must be understood that such letters cannot grant any financial support. Requests should be made by fax or e-mail and should include the full mailing address of the participant.

SOCIAL PROGRAM

Welcome Reception

Date and Time: 18:00 - 20:00, September 21
Place: Nippon Convention Center (Makuhari Messe)

Banquet

Date and Time: 18:30 - 20:30, September 23
Place: Nippon Convention Center (Makuhari Messe)

Accompanying Persons' Program

The following accompanying persons' programs will be held on September 22 and 23 from 10:30 to 12:00.

- Tea Ceremony
Tea ceremony, which is also called Sado, is the traditionally ritualized way of preparing, serving and drinking Matcha (powdered green tea stirred in hot water).
- Flower Arrangement
The art of flower arrangement which is also called Kado. Arranged flowers in a container are placed for display in Tokonoma (the alcove made in a Japanese-style room) or elsewhere.
- Kimono Fitting
The traditional Japanese clothing, Kimono, is not practical for modern life, because it must be adjusted to the wearers as it is being put on. People wear Kimono only for special occasions such as weddings and funerals.

Optional Tours

Optional tours application will be available at the Travel Desk set up in the conference venue.

EXHIBITION

The Conference will be accompanied with an exhibition. Please refer to the details at the web site.

GENERAL INFORMATION

Passports and Visas

Every person entering Japan must have a valid passport. In addition, persons coming from certain countries must have a visa issued by a Japanese consulate in their country. Please be aware that in some cases, it takes more than one month to obtain a visa. For details, please inquire at your nearest Japanese Embassy or Consulate.

Useful web site: http://www.mofa.go.jp/j_info/visit/visa/index.html

Currency Exchange

Only Japanese yen is acceptable at stores and restaurants in Japan. You can exchange money at the airport, foreign exchange banks, and other authorized exchanges upon presentation of your passport. We encourage you to exchange your money at the airport upon arrival. The exchange rate of the yen is about 120 yen to 1 U.S dollar, 117 yen to 1 Euro (as of June, 2002).

Credit Cards and Traveler's Cheques

Visa, Master Card, American Express, Diners Club and JCB are widely accepted at hotels, department stores, shops and restaurants. Only major banks and hotels in principal cities can accept traveler's cheques, but their use in Japan is not as common as in some other countries.

Banking

Most banks are available for foreign currency exchange transactions from 9:00 to 15:00 on weekdays.

Tipping

There is no custom of tipping in Japan. Instead, at places such as restaurants, bars and hotels, 10% service charge is usually added to your bill.

Insurance

Participants are advised to provide their own travel insurance, as the Organizing Committee will assume no responsibility for personal accidents, sickness, theft or property damage.

Climate

The average temperature is around 23°C in daytime and 19°C at night.

Electrical Appliances

Japan operates on 100 volts for electrical appliances. The frequency is 50 Hz in eastern Japan including Chiba.

Tax

5% consumption tax is added to your bill.

Useful Web Sites for the Travel in Japan

*Japan Travel Updates : <http://www.jnto.go.jp/>

At this site, you may find useful information to make travel plans, accommodation and shopping in Japan. Several regional maps are also available on this site.

CONTACT SITES**Secretary General**

Dr. Haruko Takeyama

Dept. of Biotechnology, Fac. of Technology,

Tokyo Univ. of Agriculture & Technology

2-24-16, Naka-cho, Koganei, Tokyo 184-8588, Japan

Phone: +81-42-388-7021, 7401 Fax: +81-42-385-7713

E-mail: marine@cc.tuat.ac.jp

Conference Site**Nippon Convention Center (Makuhari Messe)**

2-1, Nakase, Mihama-ku, Chiba 261-0023, Japan

Phone: +81-43-296-0001 Fax: +81-43-296-0529

URL: http://www.m-messe.co.jp/index_e.html

Kazusa Akademia Center, Chiba

2-3-9, Kazusa-kamatari, Kisarazu-shi, Chiba 292-0812, Japan

Phone: +81-438-20-5555

URL: http://www.kap.co.jp/english/index_e.html

National Olympics Memorial Youth Center

3-1, Yoyogi Kamizono-cho, Shibuya-ku, Tokyo 151-0052, Japan

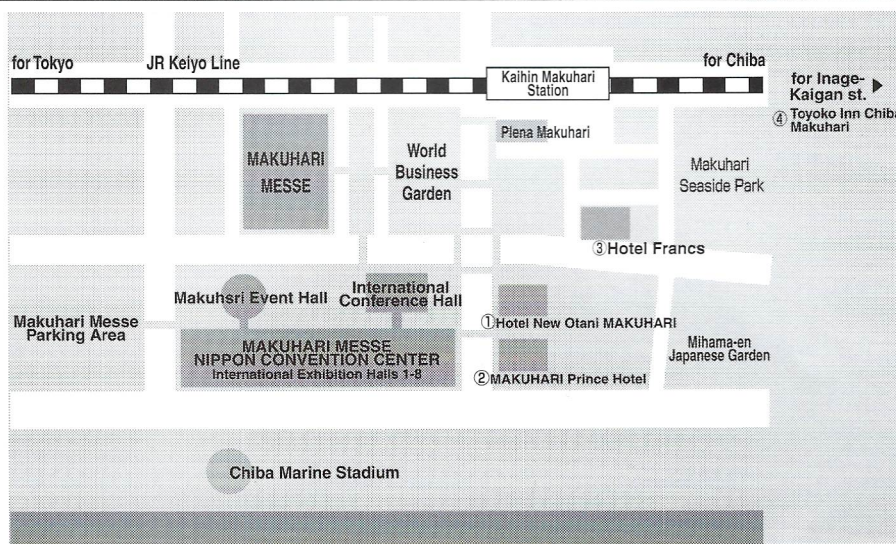
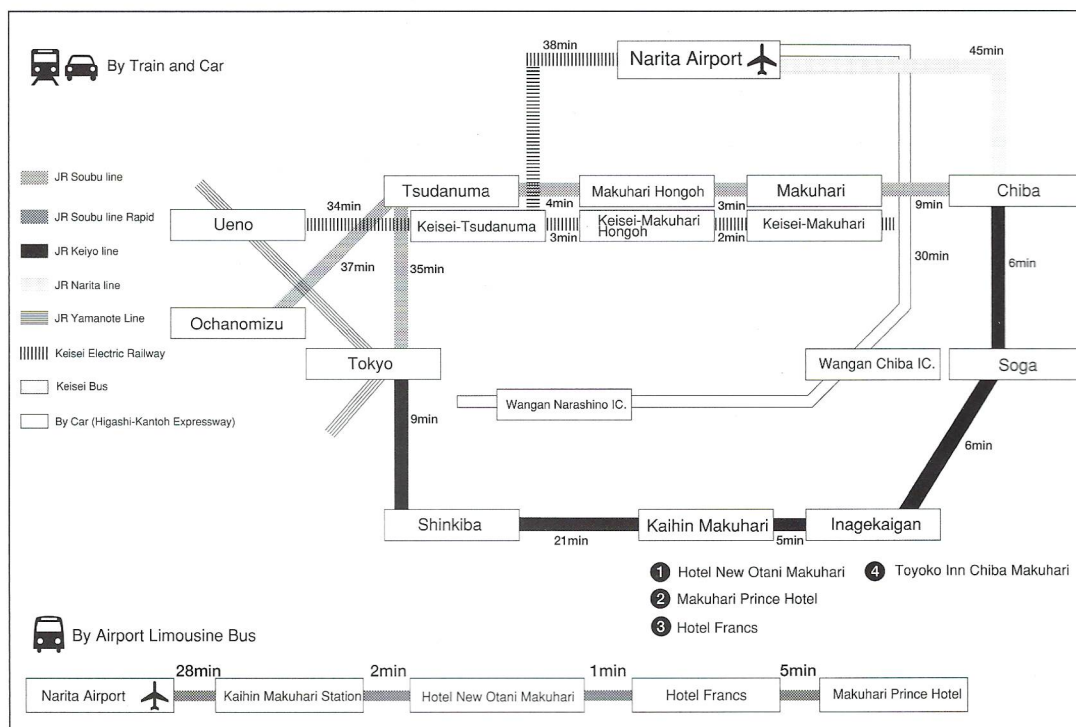
Phone: +81-3-3467-7201

URL: <http://www.nyc.go.jp/e/index.html>

IMPORTANT DATES TO REMEMBER

Deadline for Submission of Abstracts for the Review Process	January 31, 2003
Deadline for Submission of Abstracts for Aqua Genome	June 30, 2003
Notification of Acceptance	May 1, 2003
Deadline for Early Registration	May 31, 2003
Deadline for Late Registration and Hotel Reservations, and Final Announcement of the Conference (on the Web)	August 10, 2003

ACCESS MAP



Registration Secretariat

MBC2003 Desk

Events & Conventions

Kinki Nippon Tourist Co., Ltd.

Kyodo Bldg. 6F, 2-2, Kanda-Jimbocho, Chiyoda-ku, Tokyo 101-0051, Japan

Tel: +81-3-3263-5581 Fax: +81-3-3263-5961

E-mail: MBC2003@knt-tokyo.gr.jp