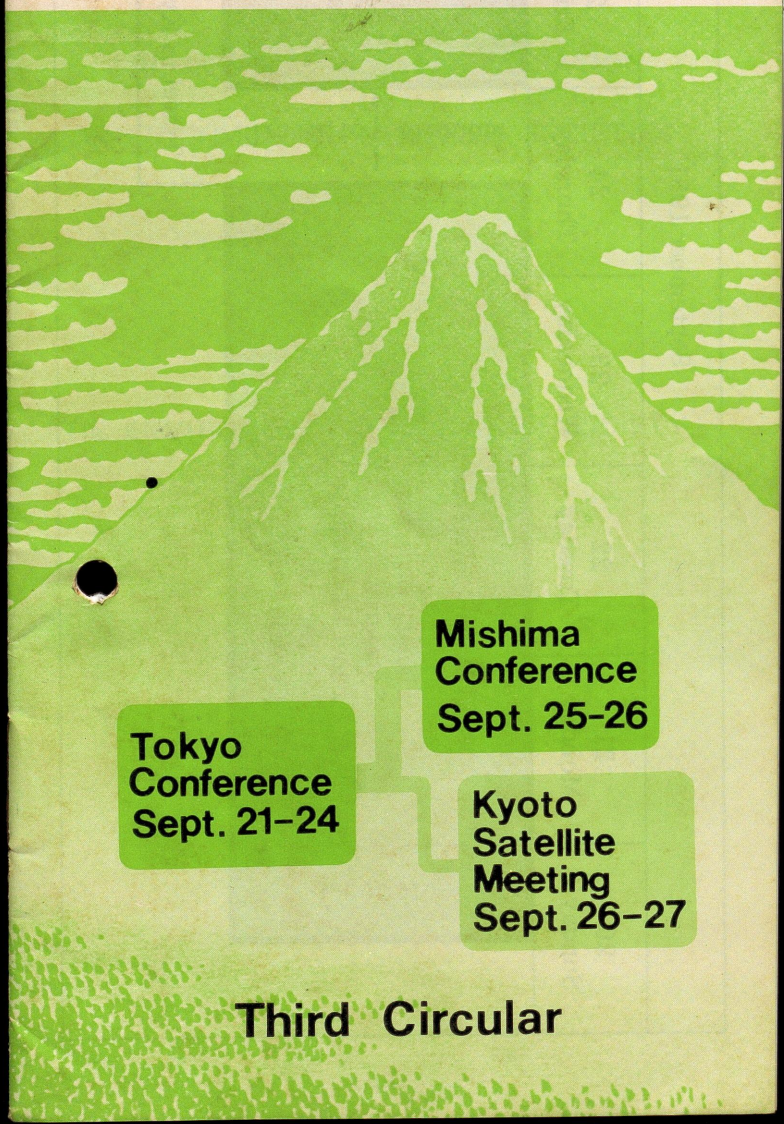


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Third International Conference on Environmental Mutagens



**Tokyo
Conference
Sept. 21-24**

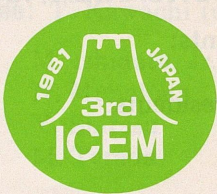
**Mishima
Conference
Sept. 25-26**

**Kyoto
Satellite
Meeting
Sept. 26-27**

Third Circular

September 1981

| 20 Sunday | 21 Monday | 22 Tuesday | 23 Wednesday | 24 Thursday | 25 Friday | 26 Saturday | 27 Sunday |
|-----------------|---|---------------|----------------------|----------------|---|----------------|--------------|
| Registration | Tokyo Conference Plenary Lectures Symposia Panel Discussions Workshops Contributed Papers | | Travel to Mishima | | Mishima Conference Plenary Lectures Symposia Panel Discussions Workshops | | |
| Travel to Kyoto | | | | | Kyoto Satellite Meeting Symposia Panel Discussion | | |



THIRD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL MUTAGENS

Sponsored by

THE INTERNATIONAL ASSOCIATION
OF
ENVIRONMENTAL MUTAGEN SOCIETIES

President : P. Oftedal
Vice-President : Y. Tazima
Secretary : B. J. Kilbey
Treasurer : S. Wolff

and

THE ENVIRONMENTAL MUTAGEN SOCIETY
OF JAPAN

President : T. Sugimura
Secretary : T. Kada
Treasurer : Y. Kuroda

ORGANIZATION

| | |
|---------------------------|---------------|
| Honorary Presidents: | C. Auerbach |
| | A. Hollaender |
| Honorary Vice-Presidents: | S. Abrahamson |
| | B. A. Bridges |
| | P. Oftedal |
| | F. H. Sobels |
| | K. Sundaram |
| | Y. Tazima |
| | S. Wolff |

OFFICERS OF THE CONFERENCE

| | |
|--|---------------|
| President: | T. Sugimura |
| Secretary-General: | T. Kada |
| Treasurer: | T. Matsushima |
| Finance Committee Chairman: | Y. Tazima |
| Program Committee Chairman: | S. Kondo |
| Local Committee Chairman: | T. Kawachi |
| Mishima Conference Committee Chairman: | Y. Kuroda |
| Kyoto Satellite Meeting Committee Chairman: | H. Nishioka |

Organizing Committee

| | | |
|-------------|------------------|-------------|
| H. Hayatsu | M. Ishidate, Jr. | S. Iwahara |
| T. Kada | K. Kajiwara | R. Kato |
| T. Kawachi | Y. Kikuchi | S. Kondo |
| Y. Kuroda | T. Matsushima | M. Nagao |
| H. Nishioka | M. S. Sasaki | S. Sato |
| Y. Shirasu | T. Sugahara | T. Sugimura |
| H. Takebe | N. Takemura | Y. Takizawa |
| H. Tanooka | Y. Tazima | A. Tonomura |
| K. Tutikawa | H. Yamaguchi | |

Finance Committee: Y. Tazima (chairman)

| | | |
|--------------|---------------|---------|
| T. Kawachi | T. Matsushima | S. Sato |
| H. Yamaguchi | | |

Program Committee: S. Kondo (chairman)

| | | |
|--------------|------------------|---------------|
| H. Hayatsu | M. Ishidate, Jr. | R. Kato |
| T. Kawachi | Y. Kuroda | T. Matsushima |
| M. S. Sasaki | Y. Shirasu | N. Takemura |
| A. Tonomura | K. Tutikawa | |

Local Committee: T. Kawachi (chairman)

| | | |
|------------|------------------|---------------|
| H. Fujiki | M. Ishidate, Jr. | T. Matsushima |
| M. Miwa | N. Munakata | M. Nagao |
| S. Sato | Y. Shirasu | S. Takayama |
| H. Tanooka | M. Terada | M. Yamada |

Mishima Conference Committee:

Y. Kuroda (chairman)

| | | |
|-------------|--------------|-----------|
| E. Amano | H. Aoki | T. Fujii |
| K. Hirano | T. Inoue | T. Kada |
| A. Murakami | Y. Sadaie | Y. Tazima |
| Y. Tutikawa | T. H. Yosida | |

Kyoto Satellite Meeting Committee:

H. Nishioka (chairman)

| | | |
|--------------|-------------|------------|
| T. Abe | S. Fukui | A. Imamura |
| Y. Kikuchi | S. Kondo | T. Ohnishi |
| M. S. Sasaki | T. Sugahara | H. Takebe |
| K. Tanaka | Y. Titani | |

OUTLINE OF THE CONFERENCE

The aim of the conference is to discuss the most recent advances in research on environmental mutagens and related fields and to stimulate further developments. The main conference will be held in Tokyo, and will be followed by a conference in Mishima and a satellite meeting in Kyoto, held simultaneously.

The scientific program of the Tokyo Conference will include plenary lectures, symposia, panel discussions, workshops and sessions for all the contributed papers. The Mishima Conference will include plenary lectures, symposia, panel discussions and workshops of special topics related to basic problems of mutagenesis. The Kyoto Satellite Meeting is designed to stimulate detailed discussion on current problems of environmental mutagens and carcinogens.

The scientific program will begin with the Opening Ceremony in Room Man-yo of the Hotel Pacific at 9:00 a.m. on September 21, Monday. Scientific sessions will be held every day in the Hotel Pacific. Sessions in Tokyo will terminate at noon on September 24, Thursday. For those participating in the Mishima Conference, buses will be available on Thursday afternoon for transportation from Tokyo to Mishima. Those participating in the Kyoto Satellite Meeting are expected to travel to Kyoto on September 25, Friday.

The scientific session in Mishima will begin with a plenary lecture at 9:30 a.m. on September 25, Friday in the main auditorium of Nihon University. Several symposia and panel discussions will follow, and on September 26, Saturday, plenary lectures and symposia will be given.

The scientific session in Kyoto will begin with a keynote address at 9:00 a.m. on September 26, Saturday in Kyoto Kaikan, followed by several symposia. On September 27, Sunday, symposia and panel discussion will be given.

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SCIENTIFIC PROGRAM

TOKYO CONFERENCE

A. PLENARY LECTURES

B. SYMPOSIA

1. Carcinogenesis and mutagenesis
2. The toxicology of environmental mutagens
3. Mutagens and carcinogens in the environment
4. Mutagens and carcinogens in the digestive tract
5. Monitoring of human populations
6. Genetic factors in the response to environmental mutagens
7. Biotransformation of mutagens and carcinogens
8. Modulators of mutagenesis and carcinogenesis

C. PANEL DISCUSSIONS

1. Quantitative risk assessment, risk-benefit analysis
2. Philosophy behind regulation of environmental mutagens and carcinogens
3. International cooperation on environmental mutagen research
4. Comparison of cytogenetic methods: chromosome aberration, SCE and micronucleus tests

D. WORKSHOPS

E. CONTRIBUTED PAPER SESSIONS

Papers in the following areas are particularly sought and may be given priority in selection and grouping.

1. Natural mutagens and carcinogens
2. Mutagens in food, water and air
3. Mechanisms of mutagenesis and carcinogenesis
4. Occupational and accidental exposure to mutagens

5. New methods of mutagenicity testing
6. Cytogenetic methods
7. Mutation and transformation in cultured mammalian cells
8. Population monitoring and epidemiology
9. Mutation in experimental animals and plants
10. Teratogens and mechanisms of teratogenesis

Presentation may be oral or as poster display, depending on the number of submissions. It may also be as written abstract only, if necessary.

MISHIMA CONFERENCE

A. PLENARY LECTURES

B. SYMPOSIA

1. Mechanisms of mutagenesis and DNA repair
2. Chromosome aberrations
3. Dependence of mutagenesis on germ cell stage and sex
4. Higher plant systems for monitoring environmental mutagens
5. The evaluation of human genetic risk
6. Genetic implications of co-mutagenic and anti-mutagenic agents
7. Dose-response relationship and the problem of thresholds

C. PANEL DISCUSSIONS

1. Problems in mutation studies with cultured mammalian cells
2. Problems of environmental mutagens and carcinogens in developing countries

D. WORKSHOPS

KYOTO SATELLITE MEETING

A. SYMPOSIA

1. Mutagens and carcinogens in food
2. Mutagens and carcinogens in air and water
3. Mutagens and carcinogens in pesticides
4. Mutagens and carcinogens in drugs and cosmetics
5. Mutagens and carcinogens in our habitat

B. PANEL DISCUSSION

Problems of occupational and industrial mutagens and carcinogens.

The official language is English. Simultaneous interpretation will not be available.



SOCIAL PROGRAM

Tokyo

- September 20, Sunday
7:00—8:30 p.m. Welcome Mixer*
Hotel Pacific, Tokyo
- September 21, Monday
7:00—9:00 p.m. Conference Party*
Hotel Pacific, Tokyo
- September 22, Tuesday
9:00—12:00 a.m. Program "Japanese
Cultures" (A) **
2:00—5:00 p.m. Bus tour "Japanese Life"*
- September 23, Wednesday
9:00—12:00 a.m. Program "Japanese
Cultures" (B)**

Mishima

- September 25, Friday
2:00—5:00 p.m. Bus tour "Mishima
Sightseeing" **
6:00—9:00 p.m. Mishima Conference Party*
Nihon University, Mishima
- September 26, Saturday
9:00 a.m.—4:00 p.m.
Bus tour "Mt. Fuji and
Hakone" **

Kyoto

- September 25, Friday
7:00—9:00 p.m. Welcome Mixer*
Miyako Hotel, Kyoto
- September 26, Saturday
9:00—12:00 a.m. Bus tour "Japanese
Gardens" **
- September 27, Sunday
9:00—12:00 a.m. Bus tour "Tea Ceremony" **

* Free of charge for regular and associate members

** For associate members only. Reservation required
at the registration desk. Free of charge.

REGISTRATION

All those planning to attend the conference and their accompanying persons are requested to register. A regular member can submit one contributed paper as a principal author, attend the Scientific Sessions, Welcome Mixers and Conference Parties and obtain the program, abstract and proceedings of the meeting. Associate members can attend the social programs.

Registration fees are:

Regular membership:

| | By March 31, 1981 | After April 1, 1981 |
|---------------|----------------------|------------------------|
| Tokyo | ¥30,000 | ¥33,000 |
| Tokyo-Mishima | ¥40,000 | ¥44,000 |
| Tokyo-Kyoto | ¥40,000 | ¥44,000 |

Associate membership:

| | By March 31, 1981 | After April 1, 1981 |
|---------------|----------------------|------------------------|
| Tokyo | ¥10,000 | ¥11,000 |
| Tokyo-Mishima | ¥12,000 | ¥13,000 |
| Tokyo-Kyoto | ¥12,000 | ¥13,000 |

Please return the enclosed FORM A with your appropriate registration fee by March 31, 1981.

Payment should be in the form of bank transfer to Third International Conference on Environmental Mutagens, Account No. 001-512-0853062, The Bank of Tokyo Ltd., Head Office, Tokyo, Japan.

Money will be refunded with 20% deduction if cancellations are made before July 31, 1981.

ABSTRACTS OF PAPERS

Those who wish to submit papers are requested to register for the conference (FORM A), to complete the enclosed abstract form (FORM B), and to return both forms by *March 31, 1981*.

PUBLICATION OF PAPERS

Papers selected from those presented at the conference will be published in book form. The book will be distributed to registered regular members free of charge after the conference.

INSTRUCTIONS FOR PREPARING PAPERS

1. Only those registered for the conference can submit abstracts.
2. To assist the Program Committee in grouping papers according to the desire of authors, please mark the most appropriate numerical categories (as shown in the list of the contributed paper sessions on pages 5 and 6 of this circular) for your presentation in the upper part of FORM B. The category choice is subject to change depending upon the number of contributed papers.
3. The abstract will be photocopied and will appear in conference publications exactly as typed. Please type clearly without smudges, errors or corrections.
4. An example of the abstract layout is shown in FORM B': Title, AUTHORS (in CAPITAL LETTERS), Institution and Location (City, State and Country), single open line and abstract.
5. Abstract must be typed single-spaced within the rectangular frame on the attached sheet (FORM B) in English. If possible, please use an electric typewriter with Pica letters or ten pitches per inch and a black film ribbon.
6. When there are several authors, underline the author who is to present the paper.
7. The projection equipment for oral presentation is a single standard 5 x 5 cm (2 x 2 inches) slide projector.
8. *FORM B must be submitted by March 31, 1981*, with two Xerox or photo copies to the conference office (Third International Conference on Environmental Mutagens, Kyobashi, P.O. Box 236, Tokyo 104-91, Japan).

OTHER MEETINGS

The 7th International Meeting on N-Nitroso Compounds will be held in Tokyo, on September 28, Monday, -October 1, Thursday, 1981, organized by the International Agency for Research on Cancer in collaboration with the local Japanese Organizing Committee. For further information, please contact: Dr. Helmut Bartsch, International Agency for Research on Cancer, 150 cours Albert-Thomas, 69372 Lyon Cedex 2, France.

The 4th Radiation Biology Center International Symposium "Chromosome Mutations: Their Potential Relevance to Genetic Risk in Man" will be held in Kyoto, on September 28, Monday, and September 29, Tuesday, 1981. Presentations by invited speakers will be given. Those interested in attending this symposium should contact: Dr. M. S. Sasaki, Radiation Biology Center, Kyoto University, Yoshida-Konoecho, Sakyo-ku, Kyoto 606, Japan.

GROUP FLIGHT INFORMATION

Group flights and accommodations at reduced rates will be arranged by various groups. Those interested in taking advantage of these rates should contact the following organizers of the flights.

U.S.A. Mr. R. J. Burk, Jr.
Administrative Officer
Environmental Mutagen Society
4720 Montgomery Lane
Suite 506
Bethesda, MD 20014
U.S.A.

Europe Prof. J. M. Parry
Department of Genetics
University College of Swansea
Singleton Park
Swansea SA2 8PP
U.K.

Dr. G. R. Mohn
Laboratorium voor
Stralengenetica en Chemische
Mutagenese
Sylvius Lab. Universiteit
Leiden
Wassenaarseweg 72
2333 AL Leiden
The Netherlands

Prof. N. Loprieno
Laboratorio di Genetica
Istituto di Antropologia e
Paleontologia Umana
Dell'Universita degli Studi
56100 Pisa, Via S. Maria 53
Italy

PASSPORT AND VISA

All foreign visitors to Japan must carry their valid passports. Citizens of the following countries *do not* need visa to enter Japan.

Argentina, Austria, Bangladesh, Belgium, Canada, Chile, Colombia, Costa Rica, Cyprus, Denmark, Dominican Republic, Finland, France, Federal Republic of Germany, Greece, Guatemala, Honduras, Iceland, Ireland, Israel, Italy, Lesotho, Liechtenstein, Luxemburg, Malta, Mexico, The Netherlands, New Zealand, Norway, Pakistan, Peru, Portugal, El Salvador, San Marino, Singapore, Spain, Surinam, Sweden, Switzerland, Tunisia, Turkey, United Kingdom, Uruguay, Yugoslavia.

Those of other countries should obtain their visa from Japanese embassies or consulates before departure.

No vaccination is necessary.

WEATHER

The maximum and minimum temperatures at times and sites of the conferences are around 26°C (79°F) and 16°C (61°F), respectively. Occasional rainfall is also anticipated.

TRAVEL AND ACCOMMODATION ARRANGED BY JAPAN TRAVEL BUREAU(JTB)

TRAVEL AGENT

Japan Travel Bureau, Inc. has been appointed Official Travel Agent for the conference, and will handle all travel arrangements inside Japan related to the conference. Inquiries should be addressed to:

Japan Travel Bureau, Inc.
Foreign Tourist Department
Convention Center
13-1, Nihonbashi 1, Chuo-ku
Tokyo 103, Japan

Telex: J24418

Cable: TOURIST TOKYO

There will be a JTB desk set up during the Conference in Tokyo (Hotel Pacific), in Mishima (Nihon University) and in Kyoto (Kyoto Kaikan) to assist in travel arrangements of individuals and groups.

HOTEL ACCOMMODATIONS

All individual participants wishing to make hotel reservations should fill out FORM C and return it to the conference office (Third International Conference on Environmental Mutagens, Kyobashi, P.O. Box 236, Tokyo 104-91, Japan) by *March 31, 1981*. All applications should be accompanied by a remittance of ¥20,000 as a deposit; no reservation will be confirmed in the absence of a deposit.

The categories and room charges listed below are applicable in 1980 and may be slightly raised in 1981. Information on fixed room rates will be given at the time of confirmation. Unless otherwise mentioned, the room charges do not include meals, and a 10% tax and a 10% service charge will be added to the bill when checking out.

Please fill in the attached FORM C by indicating your choice of hotel accommodation. If rooms of your first choice are not available, those of your second choice will be allotted.

Tokyo Conference

| Category (Hotel) | Location | Twin w/bath | Single |
|---------------------------|------------------------------------|----------------|-----------|
| A(Hotel Pacific) | } Conference site | ¥15,000 | ¥12,000 |
| B(Hotel Pacific) | | ¥13,000 | ¥10,000 |
| C(Takanawa Prince Hotel) | | ¥12,000 | ¥ 9,500 |
| D(Takanawa Tobu Hotel) | } Walking distance | ¥ 9,000 | ¥ 6,000 |
| E(Shinagawa Prince Hotel) | | ¥ 9,400* | ¥ 6,700* |
| F(Chisan Hotel) | 15 min by subway with one transfer | ¥ 6,000** | ¥ 3,300** |

* Covering tax, service charge and breakfast

** Covering tax and service charge

Mishima Conference

| Category (Hotel) | Location | Twin w/bath | Single |
|---|---|----------------|-----------|
| A(Hakone Yamano Hotel) (Hakone Highland Hotel) | } Hakone: Shuttle bus service available | ¥13,500 | ¥13,500 |
| B(Hakone Kanko Hotel) | | — ¥12,500 | — ¥12,500 |
| C(Hakone Kanko Hotel) | | ¥11,000 | ¥11,000 |
| D(Mishima Grand Hotel) (Mishima Station Hotel) etc. | Mishima down-town: Walking distance | ¥ 9,000 | ¥ 9,000 |
| | | ¥ 7,500 | ¥ 4,000 |
| | | — ¥ 5,900 | — ¥ 3,600 |

Overseas participants will be accommodated at hotels in Hakone, a famous resort place, 15 kilometers northeast of Mishima, because better hotel accommodation is available there. A shuttle bus service will be provided between Hakone and Conference site in Mishima. Because hotels in Mishima have only a limited number of rooms reserved for overseas participants, if you are requesting accommodation in a hotel in Mishima, please give a hotel in Hakone as a second choice.

Kyoto Satellite Meeting

| Category (Hotel) | Location | Twin w/bath | Single |
|---------------------|---------------------|----------------|----------|
| A(Miyako Hotel) | Walking distance | ¥15,000 | ¥14,000 |
| (Kyoto Hotel) | | — ¥13,000 | — ¥9,000 |
| (Fujita Hotel) | | ¥12,500 | ¥9,000 |
| B(Royal Hotel) | | — ¥10,000 | — ¥8,000 |
| C(Sunflower Hotel) | | ¥10,000 | ¥8,000 |
| | | — ¥9,000 | — ¥6,000 |
| D(Travellers Inn) | | | ¥3,800* |

* Covering tax and service charge

TRANSFER PACKAGE TOUR (TOKYO — KYOTO)

A transfer package tour is planned for participants in the Satellite Meeting in Kyoto to secure easy, anxiety-free travel from their hotels in Tokyo to their hotels in Kyoto. This saves participants the trouble of buying train tickets, carrying baggages and making their own way to stations and hotels. This tour can be booked in FORM C.

Payment should be in the form of bank transfer to be sent to the JTB account at the Bank of Tokyo, Marunouchi Branch, 1-2, Marunouchi, Chiyoda-ku, Tokyo 100, Japan (Account No. 211494/Ref. CD9-7901-56).

SIGHTSEEING TOUR

Optional sightseeing tours including post-conference ones are planned by JTB for participants and accompanying persons to see more of Japan. Informations on these tours are available on request in FORM C.

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For further information, contact:

Third International Conference on
Environmental Mutagens
Kyobashi, P.O. Box 236,
Tokyo 104-91, Japan

Phone (area code 03)-542-3103



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