# INTERNAL MEDICINE TODAY AND TOMORROW

**Editors**:

T.ODA, K. HAMAGUCHI, M. HOMMA, C. KAWAI

### **EXCERPTA MEDICA**

International Congress Series 672

## Internal Medicine: Today and Tomorrow

Proceedings of the XVIIth International Congress of Internal Medicine, Kyoto, October 7–12, 1984

Held under the patronage of The International Society of Internal Medicine

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### XVIIth International Congress of Internal Medicine, Kyoto, October 7–12, 1984

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#### **Foreword**

#### Mitsuo Homma

Secretary General, XVIIth International Congress of Internal Medicine

The highly successful XVIIth International Congress of Internal Medicine was held in Kyoto in October of 1984, under the auspices of the Japan Society of Internal Medicine and the Science Council of Japan. We were honored at the opening ceremony and welcoming reception by the presence of their Imperial Highnesses the Crown Prince and Princess, who were instrumental in creating a very special atmosphere on the first day which remained until the close of the congress.

The results of the congress were collated by the Organizing Committee and the Japan Society of Internal Medicine and are published in these Proceedings.

The XVIIth Congress attracted 2,384 participants from 47 countries, including 1,655 from Japan. Papers were contributed by experts of many nationalities on 424 different themes at oral presentation sessions, 21 poster sessions, and a film session. Three outstanding presentations were selected from the poster sessions and film session respectively, and awarded prizes at the banquet.

Many fascinating, new ideas were incorporated into the scientific program, focusing on the theme 'Worldwide Internal Medicine – Today and Tomorrow'. At the first Congress to be held in Japan, the program consisted of 1 guest lecture, 5 special lectures, 12 symposia, 2 panel discussions, 4 current advance series, 2 seminars and 10 satellite symposia. The special lectures consisted of 5 themes selected with an eye on the influence of the technical advancement of internal medicine. The symposia, panel discussions, and current advance series were composed of the themes selected from questionnaires answered by the members of the Japanese Society of Internal Medicine. The Scientific Program Committee was particularly excited by the range and depth of the presentations, discussions and reviews, and members expressed their confidence that the congress will have a significant impact on the theory and practice of internal medicine throughout the world.

The contribution of the World Health Organization is worthy of special mention, both for its general support and specifically for the 3 satellite symposia which it cosponsored.

A symposium with the theme 'Traditional Medicine', which was also sponsored by WHO, included expositions of traditional Chinese medicine and acupuncture using modern techniques, an especially appropriate subject for a congress held in the East.

The congress afforded not only a venue for the exchange of knowledge on internal medicine, but also an opportunity to strengthen international understanding and friendships through busy social and ladies' programs. Visits to places of special historic interest in Kyoto and Nara were widely enjoyed by foreign participants seeking closer contact with traditional Japanese culture.

An exhibition reflecting the themes of the congress was also staged in the newly

completed Event Hall of the Kyoto International Conference Hall, and was attended by a large number of visitors.

Finally, we wish to express our deep gratitude to the Ministry of Education, Science and Culture; the Ministry of Health and Welfare; the Japan Medical Association; the Japanese Association of Medical Sciences; Kyoto Prefecture Government and Kyoto City Government which sponsored the Congress; and the organizations and corporations which provided enthusiastic assistance.

#### **Preface**

#### Toshitsugu Oda

President, XVIIth International Congress of Internal Medicine

This volume constitutes the thoughts of experts in the study of internal medicine brought together at the XVIIth International Congress of Internal Medicine held in Kyoto, the peaceful and beautiful ancient capital of Japan.

With the presence of their Imperial Highnesses Crown Prince Akihito and Princess Michiko at the Opening Ceremony on the first day, the congress opening was highlighted with a solemnity suitable of such an occasion.

The congress carried the theme 'Worldwide Internal Medicine – Today and Tomorrow', under which heading up-to-date accounts of the most recent developments in medicine led by biomedicine/gene-technology were given. It provided a very exciting and stimulating forum for a contemporary assessment of progress in modern as well as traditional medicine.

I was especially impressed and encouraged by the scope and extent of the international participation in this congress which was held in Asia for the first time, and it is to those 2,500 attendants from abroad as well as from various corners of Japan to whom I owe so much for their contribution to the academic excitement during the meeting.

Also high on the list of my priorities is to express my special indebtedness to the International Society of Internal Medicine, Japanese Society of Internal Medicine, Science Council of Japan, World Health Organization, Ministry of Education, Ministry of Health and Welfare, and Japan Medical Association, without whose gracious patronage and support this great forum would not have been possible.

The object of the congress was the presentation of a scientific program arranged in the host country by a Congress Executive Committee, with the Executive Committee of the Society ISIM under the presidency of Prof. Seige acting in an advisory capacity. It consisted of special lectures, symposia, workshops, panel discussions, free papers, film sessions, poster presentations and satellite symposia, providing many opportunities to discuss current medical issues of concern and to compare them for distinct regions in the world, and to help create a basic common interest for internal medicine of today. It also reached a milestone in the way of providing internal medicine of a novel context based on worldwide vision. Internal medicine has been branching into many specialized fields in the wake of rapid advances and progress in novel sciences and technologies, including the latest which is of epoch-making importance in biomedicine.

All the specializations, for example cardiology, gastroenterology, metabolism and so on, have led us to believe in the need for unity or basis upon which overall internal medicine could build and be integrated as one.

The ring presented behind a pagoda and drawn by His Eminence Reverend Sochu

Suzuki, who delivered an impressive and outstanding memorial lecture, symbolically represents the spirit of Zen Buddhism, the state of calmness, tranquility or peacefulness, and the enlightenment attained through rigid self-discipline, simple life and meditation. It is in our world of high technologies that problems of the mind may arise and men may ask for their liberation. Where there is high technology, there is a quest for high touch. In that context the circle symbolizes harmony between body and mind created in a small cosmos of its own.

Finally I want to express my gratitude and respect to all those who have been involved in this special congress in the literal sense of the following lines of Confucius, familiar to me since my early childhood: 'Is it not a pleasure, having learned something, to try it out at due intervals?' 'Is it not a joy to have friends come from afar?'

We do hope that this volume will prove to be a useful resource both to the participants in the program and to the wider audience of the world. The realization of the volume owes much to the valuable work of the staff of Elsevier Science Publishers B.V.

March 16, 1985

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#### Presidential address

#### Konrad Seige

Martin-Luther-Universität, Halle/Saale, GDR

Your Imperial Highnesses,

In the name of the International Society of Internal Medicine, I have the great privilege of expressing to you the devoted greetings and thanks of the internists who have come from about 60 countries in all parts of the world. It is a great honor that Your Highnesses have given us by attending the opening ceremony of this XVIIth Congress of our society, which is due to start in your great country, in this marvelous city.

Your Excellencies, Distinguished ladies and gentlemen, Dear colleagues,

As the president of our society I have the pleasure and the honor of extending a cordial welcome to all our distinguished guests and colleagues who have contributed to the preparation and the realization of this important scientific event. We express our warm thanks for the intensive undertaking which the high Japanese authorities and our Japanese colleagues, first of all the congress president Prof. Oda and all his coworkers, have shown.

I would like to give an especially warm greeting to those of our colleagues and guests who did not hesitate to undertake a long journey in order to be present at the congress and to see Japan and meet its hospitable people.

It was with great pleasure that several years ago the general assembly of our society accepted the invitation of the Japanese Society of Internal Medicine to hold the XVIIth Congress in Kyoto. Here we shall have the opportunity to admire not only the beauties of Japanese millenary culture and civilization, but also the enormous scientific progress achieved by the country as well as the magnificent achievements of modern Japan, rich in work and impetus in this rapidly evolving world.

The progress of techniques has to a great extent involved the medical-biological field to which internal medicine and its subdisciplines have given and received considerable impulses. Modern acquisitions in the different areas of internal medicine have partially led to the development of highly specialized internists and scientists with their own scientific fields. In this respect the participants at our congress can meet with groups of scholars for each of these problems. It is also true that the International Congress of Internal Medicine has the task and the merit of considering internal medicine in a unitary way, and from the scientific point of view to consider it still as a great tree from which flourishing branches spread.

Lastly, I should emphasize that each of our congresses has another noble purpose: that of feeling increasingly more bound by a friendship which has its roots in science and in the common humanitary profession and mission. However, all our efforts can