

Kobe Gazette

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August 6th (Sun), 2006

Evolution for Crop Protection, Public Health and Environmental Safety

(Sponsoring Organizations)

The International Union of Pure and Applied Chemistry (IUPAC) & Pesticide Science Society of Japan

IUPAC Pesticide Chemistry returns to Japan after an interval of 24 years!

Welcome back to Kobe

Greetings by Prof. Ohkawa, Chairman of the Congress

In 1982, Japan first played host to the 5th IUPAC International Congress of Pesticide Chemistry, in Kyoto. Now again, in 2006, the Congress returns to Japan, and the beautiful, cosmopolitan port city of Kobe welcomes experts in the field of pesticides from all over the world. As the Chairperson of the Organizing Committee, I am honored to welcome you to Kobe for what promises to be a most enriching and fruitful Congress.



Under current surrounding pesticides conditions, which have drastically changed during the last decade, we have tried to broaden the targets of this professional and traditional Congress. The 11th IUPAC Kobe Congress will provide all participants with a unique chance to discuss not only new developments in chemistry or related technologies but also public health issues such as vector control or environmental science matter and other current topics. Over 20 scientific sessions, more than 100 lectures will be performed, introducing the most up-to-date study results.

Poster session and the selected poster workshops are no doubt one of the highlights of the program in this year's Congress. At the end of the closing ceremony the authors of the posters chosen as excellent will be awarded the Poster Prize. In addition, we are planning to hold a couple of special workshops, such as Research Director Forum, open seminar for public by JCPA. Through the opportunities provided by these programs we hope to enhance communication across many dimensions.

All participants are also invited to attend the 28 different luncheon & evening seminars being held, visit the interesting Commercial Exhibition booths, and participate in one of the six excursion courses organized for August 11 (Friday). The scale of this year's program is far beyond that of past Congresses.

Crop protection technology must be innovative. But innovation alone will not solve the many new problems that will occur in next decade around the world. By attending this 11th IUPAC Kobe Congress we are hoping that all of you will come away with fresh ideas for breaking through and beating global difficulties. Again we extend a hearty welcome you to Kobe, and hope that you enjoy the Congress and the city of Kobe

Today's Highlight

ICCK

<Main Hall (1F)>

Opening Ceremony (16:00-17:00)

An introductory visual display entitled "from Basel to Kobe" produced by Dr. Isao Ueyama (Vice Chairperson) will be on the screen. The display will be accompanied with music by "Rosa String Quartet".

After this unique program, a welcome address will be delivered by **Prof. Hideo Ohkawa** (see left column) as the Chairperson of the 11th IUPAC ICPC Organizing Committee.

Following the welcome address, **Dr. Kenneth D. Racke**, President of the IUPAC Division of Chemistry and Environment and also Chairperson of the IUPAC Advisory Committee on Crop Protection Chemistry will speak as the host sponsoring organization of this Congress. Finally, a welcome speech by **Dr. Noriharu Ken Umetsu**, President of Pesticide Science Society of Japan, another host sponsoring organization of the Congress, will follow.

Keynote Speech (17:00-18:00)

As the first scientific speech of the Congress, **Mr. James C. Collins** (DuPont, U.S.A.) will give a lecture entitled "Challenges and Opportunities in Crop Protection Over the Next Decade". (See next page. Who's Who in the Congress)

Portopia Hotel South Wing <Kairaku B1F>

Welcome Reception (18:30-21:00)

Welcome Reception will be held in the Grand Banquet Room "Kairaku" in the Kobe Portopia Hotel, adjacent to ICCK. **Prof. Mitsuru Sasaki** (Chairperson of the Secretariat) will open the Reception. There will be congratulatory speeches by guests of honor. Let's get together and enjoy the cocktail party.

- Official Information -

1. Program Change

There are no substantial changes to the program August 6 (Sun).

4. Chemist's Corner

Interesting chemical structures are introduced in this corner (page 4).

2. Luncheon and Evening Seminar Participation

Please see page 2.

5. Official Souvenir

Polo shirts with "the Kobe" logo will be sold as the official souvenir. Please see page 4.

3. Important Information for Poster Authors

Please see page 3.

6. 残留農薬分析セミナー

明日 9時半より偕楽の間にて受付開始。



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Who's Who in the Congress

Mr. James C. Collins Keynote Speaker

James C. Collins, Jr. vice president and general manager – DuPont Crop Protection was born in 1962, and studied at Christian Brothers College in Memphis, Tenn., and received his B.S. in Chemical Engineering. He also received his MBA from the University of Delaware in Marketing with a focus on International Business.



He began his career in 1984 in DuPont Manufacturing. He had various assignments at the Memphis, Savannah River, Charlotte, and

Mobile plants in engineering, supervision, and business management. In 1993, Mr. Collins moved to Wilmington, Del., working in the Ag Sales & Marketing Group as a product manager, a distribution project leader, and as the farmer offering manager. In 1997, he moved to Belle, W.Va., where he served as site manager for the Crop Protection Products production facilities.

In 1999, he moved to St. Louis where he was involved in the DuPont acquisition of Protein Technologies International (PTI) and Pioneer Hi-Bred International. He held positions as director, identity preservation programs and director, Meat/Food – Industry Management. He returned to Crop Protection as director – Specialty Grains Programs where he worked for the overall Ag Enterprise responsible for Identity Preserved Grain projects and helping to develop future value added grain contracting.

Mr. Collins transferred to Hong Kong as the regional business director – Asia Pacific for DuPont Crop Protection and Pioneer and brought all of the elements of the seed and Crop Protection businesses together to support production agriculture in the Asia Pacific Region. He was named global sales director for Crop Protection in November 2002. He was named to his current position in January 2004. He serves on CropLife International's Crop Protection Strategy Council.

He resides in West Chester, Pa., with his wife Tina and two sons, Trey and George. His hobbies include marathon running, guitar, camping and outdoor cooking.

Highlights of Luncheon Seminars on August 7th (Mon.)

(Luncheon seminars will start at 13:00 and end at 14:00.)

- **Luncheon Seminar-1 (Room 301)**
This seminar has been moved to August 8th
- **Luncheon Seminar-2 (Room 401)**
Sponsor: JCPA/PSSJ
Outreach Campaign
Since 2003, Japan Crop Protection Association (JCPA) has conducted one unique program to communicate with public in order to solve misunderstanding about the risk of pesticides. Consumers changed drastically their opinion after attending this seminar. The results of this trial are summarized by Prof. Motoyama (Chiba Univ.). He has participated in the Outreach Campaign from the beginning as one of the lecturers.
- **Luncheon Seminar-3 (Room 403)**
Sponsor: Battelle AgriFood
Registration & Commercialization of Agrochemicals in Europe
Battelle is a Swiss company, and this seminar consists of two topics. Dr. Weidener will introduce the complex registration situation of agrochemicals in Europe. Next, Dr. Bell will explain the Life Cycle Management by formulation strategy.
- **Luncheon Seminar-4 (Room 501)**
Sponsor: USDA/IR-4 Project
Specialty Crop Program and the IR-4 Model
Crop protection using pest control products is the key components in specialty crops. But Agchem manufacturers had little interest in getting the registration for these crops due to rather small sales. The IR-4 project was started in 1963 in the USA, and has been a highly successful model program in residue data packages. The possible global solutions for residue studies will be discussed in this seminar.
- **Luncheon Seminar-5 (Room 502)**
Sponsor: Nippon Soda
Specialty of Nisso Chemical Analysis Services (NCAS) - qualitative and quantitative analyses of trace amounts of ingredients in complex matrices
NCAS was the first analytical company in Japan to acquire OECD GLP approval, and now holds 3 GLP certificates. In this seminar, the analytical policy of NCAS will be introduced using several pesticide analyses as examples.

Luncheon/Evening Seminar Participation

a) Exchange Tickets

Participants will find an "Exchange Ticket" sheet in their Congress Bags, with the seminar number, sponsoring organization's name and the seminar title printed. Select (✓) the seminar you would like to attend, and take the ticket sheet to **Information Desk-1** on 3F ICCK. You can use your "Exchange Ticket" for seminars that day and also the following day. This means that you can exchange your ticket for today (August 6th) or for tomorrow's (August 7th) seminar. Participants are advised to exchange their meal coupons early as possible to avoid missing out.

b) Meal Coupon

When you hand in your Exchange Ticket at the Information desk, you will receive a "Meal Coupon". Some sponsors request that you fill in your name and affiliation on the Meal Coupon. Each seminar room has limited seating. The latest information regarding seat availability will be posted on the board near Information Desk-1.

c) Meals

Boxed Lunches and drinks will be distributed in front of each seminar room. Hand in the meal coupon to receive a boxed lunch. In the evening seminar, warm meals will be served. Vegetarian meals will be available, but the numbers are limited, so please be early.

d) Where to Eat

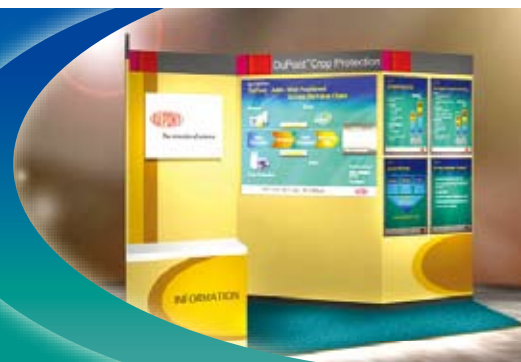
You may eat your meal in your seat before and during the seminar. We ask for your cooperation in putting used throw-away plates and cups into the trash bags. Please be careful not to spill on the carpeted floor of the rooms such as Room 301.



The miracles of science™

DuPont Crop Protection

You are welcome to visit our Exhibition Booth located on the 3rd floor of ICCK and our hospitality room in Room 407 of ICCK. We are happy to share with you our new products and innovations in food/crop protection and production.



Number of Poster Application (Countries, applied until July 18*)

1. Japan	271
2. USA	48
3. China	41
4. UK	34
5. Republic of Korea	33
6. Germany	28
7. India	24
8. Hungary	10
9. Iran	7
9. Taiwan, China	6
11. Thailand, Sudan	5
13. Australia, Bangladesh, France, Israel	4
17. Belgium, Brazil, Greece, Russia, Sri Lanka, Switzerland, Vietnam	3
24. Egypt, Italy, Jordan, Mexico, Netherlands, New Zealand, Philippines	2
25. Canada, Chile, Ethiopia, Indonesia, Malaysia, Morocco, Nigeria, Norway, Pakistan, Serbia & Monte- negro, South Africa, Spain, Ukraine, Zimbabwe	1

Total 44 countries Total 577

(* On site application not included)

To All Poster Authors

- All posters are to be mounted in the morning (8:00- 11:00) of August 7.
- Before mounting, the authors are requested to visit the Information Desk 2.
- If you have previously requested the printing service for your poster, please collect it from the Organizing Committee Office in the Portopia Hotel (CS Room). The cost of 3,000

yen per paper is only payable in cash.

- The last letter (A, B, C) of the poster number represents the date of the allocated poster session:
A=August 7, B=August 8, C=August 9.
- The Poster Award Ceremony will be held during the Closing Ceremony on August 10 (Thu.) from 17:00.

Poster Distribution by Main Topic

Comparison among London (1998), Basel (2002) and Kobe (2006) Congresses

	London	Basel	Kobe
1. Synthesis/Structure-Activity Relationship	12%	18%	18%
2. Natural Products	14%	6%	12%
3. Mode of Action and Resistance	12%	16%	21%
4. Metabolism	7%	5%	4%
5. Formulation/Delivery/Application	9%	11%	4%
6. Environmental Fate	18%	22%	16%
7. Residue in Food and the Environment	19%	12%	15%
8. Regulation and Risk Assessment	9%	10%	7%
9. Transgenic and New Technologies	-%	-%	3%
Total poster application number	1101	599	577

➤ Increase in MOA & Resistance, Natural Products and Residue issues

➤ Drastic decrease in Formulation & Application presentations (as percentage discussion)

Commercial Exhibition Booth Guide

H-, B-, M- ; Portopia Hotel, Ohwada

I-; International Conference Center Kobe (ICCK) 3rd Floor Foyer of Main Hall

Analytical Instrument (Including equipment, reagent)

Agilent Technologies	H-15
Daicel Chemical Industries	H-7, I-1
Gerstel	H-16
GL Sciences	H-9
Hitachi High-Technologies	H-13
Horiba	H-6
Japan Waters	H-11
JEOL Ltd.	H-10
Lemnatec GmbH	I-22
Nishikawa Keisoku	H-17
Primetech	H-20
Retsch	H-19
Shimadzu Corporation	H-8
Sigma Aldrich Japan	H-5
Taiyo Nippon Sanso	H-3
Thermo Electron Corporation	H-14
Varian Technologies Japan	H-12

Applicator

Yamato Nohji	I-16
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Book, Publisher

John Wiley & Sons	B-2
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Soft Science, JPPA	B-3
Sun Publications Service	B-1

Chemical Industry

Dainihon Jochugiku	I-4
DuPont K.K., DuPont Farm Solutions...	I-2
Idemitsu Kosan	I-19
Ishihara Sangyo	I-24
Nippon Soda	I-9
Sumitomo Chemical	I-21
Tide International, Zhejiang Tide	
Cropscience	I-15

Contract Laboratory (Including residue analysis laboratory)

Battelle	I-7
Biotoxtech	I-3
Charles River Laboratories	I-18
Chemicals Evaluation & Research Inst. Japan	H-18
Covance	I-25
Eurofins Agroservices Services	I-23
Huntingdon Life Sciences	H-2, I-17
Institute of Isotopes	H-4
ISP (Japan)	I-6
JSC International	I-10
Mitsubishi Chemical Safety Inst.	I-13

Notox	I-27
RCC	I-11
PTRL West	I-12
Sumika Chemical Analysis Service	I-20
Wildlife International	I-14
The Inst. of Environmental Toxicology	I-26
TNO Quality & Safety	I-8

Formulation Machine

Powrex	I-5
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Noncommercial Organizations

ACS Agrochemicals Division	M-5
CropLife International	M-7
IUPAC	M-6
Japanese Society of Applied Entomology and Zoology	M-4
Pesticide Science Society of Japan	M-11
National Inst. for Agro-Environmental Sciences	M-10
The Japanese Society for Chemical Regulation of Plants	M-8
The Phytopathological Society of Japan	M-3
The Weed Science Society of Japan	M-9

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Join SCC GmbH for an Evening of German Wines!
Tuesday, 8 August 2006

6:00 – 9:00 PM

Matsu Meeting Room, Hotel Portopia Kobe

We'll see you there!



Announcement of Extra Meetings**§ Poster Awards Committee Meeting**

15:00 - 15:40 Room 505

§ Press Interview

18:05 - 18:45 Room 505

§ Rooms 503 and 504

These rooms are reserved for preparation arrangement by the organizers, chair persons and speakers of the oral presentations. Reservations are not required.

**Weather forecast
(Kobe City)****6th (Sun)**

Max. temp. 35 °C, Min. temp. 27 °C



Fine

Time: 0-6 6-12 12-18 18-24
Chance of Rain: 0% 0% 0% 0%

7th (Mon)

Max. temp. 33 °C, Min. temp. 28 °C



Fine

Time: 0-6 6-12 12-18 18-24
Chance of Rain: 0% 10% 0% 0%

8th (Tue)**9th (Wed)**

Weather:



Chance of Rain: 20% 20%

Kobe Gazette Editorial Committee**Editorial Board:**

Dr. Isao Ueyama (BCS K.K.)
Emeritus Prof. Shozo Takahashi
(Kyoto University)
Dr. Chiyoza Takayama
(Sumitomo Chemical)

Editorial Office:

CS Room, Portopia Hotel (078-302-1852)

We welcome your opinion!

If you have any questions or opinions about the articles, please visit the Editorial Office.

Staff from our Tokyo office and experts from our Agrochemical Research Division in the UK will be in attendance at booth I-18, 3rd floor of the International Conference Centre. We will be pleased to introduce our services and to offer advice on regulatory testing.

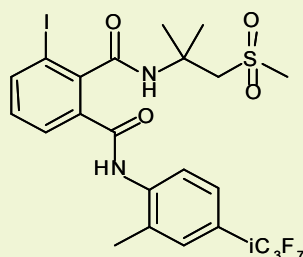


CHARLES RIVER
LABORATORIES

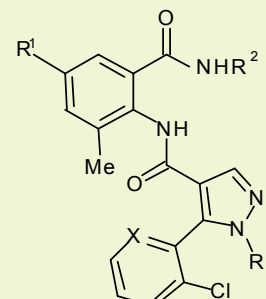
<Chemist's Corner>**Ryanodine receptor insecticides, new mode of action**

These new classes of insecticides are definitely one of the most highlighting compounds in this Congress.

1) Nihon Nohyaku
Poster I-1-i-28A (Nichino & BCS)
Session S3-4

Flubendiamide

2) DuPont
Poster I-1-i-52A
Session S3-3

Anthranilic diamides**IUPAC Pre-Meeting was held at Awaji-Yumebutai on August 4th (Fri)**

IUPAC Pre-meeting gets started



Japanese tea ceremony



Enjoying the Japanese tea time

Congress Souvenir

The Official Polo shirt with the Kobe Congress logo is available at the Information Desk-1 and 2.

Price: 1,500 yen, 6 Size: XS, S, M, L, XL, XXL, 3 colors

Royal Blue,

Orange

Light Blue

**IUPAC ICPC and World Cup Soccer**

As you may know, since 1974 this Congress and the World Cup Soccer have been held in the same year. The following table shows the ICPC host cities and the Champion country for each year since 1974. It seems that whenever the ICPC is held in Japan, Italy wins the World Cup – coincidence?!

Year	IUPAC ICPC		World Cup Soccer	
	City	Country	Host Country	Champion
1974	Helsinki	Finland	Germany	Germany
1978	Zürich	Switzerland	Argentina	Argentina
1982	Kyoto	Japan	Spain	Italy
1986	Ottawa	Canada	Mexico	Argentina
1990	Hamburg	Germany	Italy	Germany
1994	Washington	USA	USA	Brazil
1998	London	England	France	France
2002	Basel	Switzerland	Korea/Japan	Brazil
2006	Kobe	Japan	Germany	Italy