

General Report on 8th IDS

I) Local Organizing Committee

Toshiaki Hanafusa

(President, First Department of Internal Medicine, Osaka Medical College)

Tetsuro Kobayashi

(Vice President, Third Department of Internal Medicine, Yamanashi University)

Hiroshi Ikegami (Osaka University)

Akihisa Imagawa (Osaka Medical College)

Yasuko Uchigata (Tokyo Women's Medical University)

Eiji Kawasaki (Nagasaki University)

Kaichi Kida (Ehime University)

Akira Shimada (Keio University)

Kazuma Takahashi (Tohoku University)

Masao Nagata (Kobe University)

Eiichi Makino (Ehime University)

Taro Maruyama (Saitama Social Insurance Hospital)

II) Overseas Speakers

GS. Eisenbarth (Barbara Davis Center UCHSC, USA)

E. Gale (Southmead Hospital, Bristol, UK)

DM. Harlan (National Institutes of Health, USA)

LC. Harrison (The Walter and Eliza Hall Institute of Medical Research, Australia)

YS. Park (Hanyang University, Korea)

BO. Roep (Leiden University Medical Center, the Netherlands)

L. Chatenoud (Paris, France)

III) Local Speakers

Tadatsugu Taniguchi (Tokyo University)

Shigekazu Nagata (Osaka University)

Shimon Sakaguchi (Kyoto University)

Jun-ichi Miyazaki (Osaka University)

Shizuo Akira (Osaka University)

IV) Number of Participants

75 from Japan

145 from Overseas

(12 accompanying persons)

IDS-8 participants list

| Country | Subtotal | Member | Non-Member | Accom. Person |
|----------------------|------------|------------|------------|---------------|
| Australia | 9 | 6 | 3 | |
| Belgium | 1 | 0 | 1 | |
| Brazil | 1 | 0 | 1 | |
| Canada | 4 | 3 | 1 | 1 |
| Denmark | 2 | 1 | 1 | |
| Finland | 21 | 13 | 8 | |
| France | 2 | 2 | 0 | |
| Germany | 3 | 3 | 0 | |
| India | 1 | 0 | 1 | |
| Israel | 1 | 1 | 0 | 1 |
| Italy | 2 | 1 | 1 | 1 |
| Japan | 75 | 46 | 29 | 3 |
| Korea | 9 | 2 | 7 | |
| New Zealand | 2 | 2 | 0 | |
| Norway | 2 | 2 | 0 | 1 |
| Spain | 2 | 1 | 1 | |
| Sweden | 17 | 11 | 6 | 1 |
| The Czech Republic | 2 | 2 | 0 | |
| The Netherlands | 4 | 3 | 1 | |
| U.K. | 16 | 16 | 0 | 3 |
| United Arab Emirates | 1 | 0 | 1 | |
| USA | 43 | 33 | 10 | 1 |
| Total | 220 | 148 | 72 | 12 |

V) Symposium Topics

Discussions and debates were conducted focusing at the main congress theme - the cause of Type 1 Diabetes -, particularly the antigen in autoimmunity as well as the important functionality of Regulatory T cell and Innate immunity. On the other hand, regarding Fulminant Type 1 Diabetes and Slowly-progressive Type 1 Diabetes, which have been recently identified in Japan as the subtype of Type 1 Diabetes, the origin and treatment were discussed with references to both local and overseas cases. Also, discussions were dedicated to the transposable genetic elements that play a critical role for the development of Type 1 Diabetes.

VI) Conference Program

Date: Thursday, October 6 – Sunday, October 9, 2005

Venue: Awaji Yumebutai International Conference Center,
Awaji City, Hyogo Prefecture, Japan

Thursday October 6

08.25 – 08.30am Opening remarks from President Hanafusa

08.30 – 10.30am Autoantibody Workshop

Chairs: Polly Bingley (Bristol, UK) , Patricia Mueller (Atlanta, USA)

Speakers: Patricia Mueller (Atlanta, USA), Carina Törn (Lund, Sweden) Michael Schlosser (Karlsburg, Germany), Polly Bingley (Bristol,UK)

10.30 – 12.30pm T Cell Workshop

Chairs: Mark Peakman (London, UK) , Bart O. Roep (Leiden, The Netherlands)

Speakers: Vicki Seyfert-Margolis (Immune Tolerance Network, USA), Timothy Tree (London, UK), Helena Reijonen (Seattle, USA), Peter van Endert (Paris, France), Bart Roep (Leiden, The Netherlands)

12.30 – 13.45pm Meet the Professor

Shimon Sakaguchi (Kyoto, Japan), Regulatory T Cells

13.45 – 16.00pm Oral Presentation of Selected Abstracts

Chairs: Kazuma Takahashi (Sendai, Japan) , Leonard C. Harrison (Melbourne, Australia)

Speakers: Ivana Durinovic-Belló (Ulm, Germany) et al., Hisafumi Yasuda (Kobe, Japan) et al., Zandong Yang (Virginia, USA) et al., Matthew R. Murawski (Florida, USA) et al., Diego G. Silva (Canberra, Australia) et al., William W. Kwok (Seattle, USA) et al., Junbao Yang (Seattle, USA) et al., Maria Maddalena Zanone (Torino, Italy) et al.

16.00 – 17.30pm Poster Presentation

17.30 – 19.00pm Workshop: Environmental Factors Other Than Viruses

Chairs: Mikael Knip (Helsinki, Finland) , Klaus Badenhoop (Frankfurt, Germany)

Speakers: Ludvig M. Sollid (Oslo, Norway), Outi Vaarala (Helsinki, Finland), Klaus Badenhoop (Frankfurt, Germany)

19.30pm – Welcoming Party

Friday October 7

08.30 – 10.30am Workshop: Regulatory T Cell

Chairs: Akira Shimada (Tokyo, Japan) , Leonard C. Harrison (Melbourne, Australia)

Speakers: Lucienne Chatenoud (Paris, France), Timothy Tree (London, UK), Elmer Jaeckel (Hannover, Germany), Allison Green (Cambridge, UK), Chih-Pin Liu (Duarte, USA)

10.30 – 12.30pm Symposium: Target Autoantigens in Autoimmune Diabetes

Chairs: George S. Eisenbarth (Denver, USA) , Eiji Kawasaki (Nagasaki, Japan)

Speakers: Maki Nakayama (Denver, USA), Sally Kent (Boston, USA), Pere Santamaria (Alberta, Canada), Elmer Jaeckel (Hannover, Germany), Nanette Solvason (Palo Alto, USA)

12.30 – 13.45pm Meet the Professor

Tadatsugu Taniguchi (Tokyo, Japan), Interferon and IRF family of transcription factor in the regulation of immunity

13.45 – 15.15pm Symposium: Innate Immunity in Type Diabetes

Chairs: Masao Nagata (Kobe, Japan), F. Susan Wong (Bristol, UK)

Speakers: Shizuo Akira (Suita, Japan), Li Wen (New Haven, USA), Kouetsu Ogasawara (Tokyo, Japan)

15.15 – 16.45pm Poster Presentation

16.45 – 17.45pm Workshop: Fulminant Type 1 Diabetes

Chairs: Hideichi Makino (Ehime, Japan), Ake Lernmark (Seattle, USA)

Speakers: Akihisa Imagawa (Takatsuki, Japan), Eiji Kawasaki (Nagasaki, Japan), Ikki Shimizu (Ehime, Japan), Akira Shimada (Tokyo, Japan), Jong R Hahm (Jinju, Korea)

17.45 – 18.45pm Debate: Do Viral Infections Play a Role in Type 1 Diabetes?

Chairs: Heikki Hyöty (Tempere, Finland) , Abner L. Notkins (Bethesda, USA)

Speakers: Ji-Won Yoon (North Chicago, USA), Heikki Hyöty (Tempere, Finland), Richard David Leslie (London, UK), Abner L. Notkins (Bethesda, USA)

19.00pm – Dinner

Saturday October 8

08.30 – 10.30am Are Lada and SPIDDM the Same?

Chairs: Tetsuro Kobayashi (Yamanashi, Japan), Paolo Pozzilli (Rome, Italy)

Speakers: Carani B. Sanjeevi (Stockholm, Sweden), Richard David Leslie (London, UK), Tetsuro Kobayashi (Yamanashi, Japan), Paolo Pozzilli (Rome, Italy)

10.30 – 12.30pm Symposium: Genetics, Are Susceptible Genes similar Everywhre?

Chairs: Hiroshi Ikegami (Suita, Japan), Carani B. Sanjeevi (Stockholm, Sweden)

Speakers: George S. Eisenbarth (Denver, USA), Luis Castaño (Barakaldo, Spain), Jin-Xiong She (Augusta, USA), Yong-Soo Park (Hanyang, Korea), Hiroshi Ikegami (Suita, Japan)

12.30 – 13.45pm Meet the Professor

Shigekazu Nagata (Suita, Japan), Clearance of apoptotic cells and its failure

13.45 – 15.45pm Workshop: Clinical Trial

Chairs: Jerry P. Palmer (Seattle, USA), Jeffrey A. Bluestone (San Francisco, USA)

Speakers: David M. Harlan (Bethesda, USA), Leonard C. Harrison (Melbourne, Australia), Jeffrey A. Bluestone (San Francisco, USA), Taro Maruyama (Saitama, Japan)

15.45 – 17.15pm Poster Presentation

17.15 – 18:45pm Poster Discussion

Chairs: Akira Shimada (Tokyo, Japan) , Eiji Kawasaki (Nagasaki, Japan)

Speakers: Stuart Ian Mannering (Melbourne, Australia) et al., Chul-Ho Lee (Daejeon, Korea) et al., Kathryn Haskins (Denver, USA) et al., Jane Kaarina Marttila (Turku, Finland) et al., Keiko Fukushima (Nagasaki, Japan) et al., Akane Ide (Nagasaki, Japan) et al., Yumiko Kawabata (Suita, Japan) et al., Bart O. Roep (Leiden, The Netherlands) et al.

18.45 – 19.15pm General Meeting of IDS

19.45pm – Congress Banquet

Sunday October 9

08.30 – 10.30am Symposium: How close are we to overcoming the obstacles limiting transplant-based treatment approaches for diabetes?

- In Memory of Dr. Paul E. Lacy -

Chairs: David M. Harlan (Bethesda, USA), Shinichi Matsumoto (Kyoto, Japan)

Speakers: Camillo Ricordi (Miami, USA), Yasuhiro Iwanaga (Kyoto, Japan), Alvin C. Powers (Nashville, USA)

10.30 – 11.30am Meet the Professor

Jun-ichi Miyazaki (Suita, Osaka), Regeneration of insulin –producing cells in vitro and in vivo

11.30 – 11.40am Closing remarks from President Hanafusa

VII) Result and Prospect in future

The international conference on the cause and treatment for Type 1 Diabetes, 8th Meeting of the Immunology of Diabetes Society (IDS-8) was successfully taken place and it was a great honor and pleasure to organize this meeting in Japan as the Convenor. A total of 220 people participated, out of which 65 percent from overseas. We were pleased to see the enthusiastic responses from all delegates on each topic, during the interactive debates and discussions in both symposiums and poster presentations. A lot of new perspectives were bloomed during the meeting and we believe that these would certainly lead to the long awaited cure for the patients of Type 1 Diabetes in the near future.