



***A-IMBN SCA joint Bio symposium in Hanoi  
May, 11 (Wed) 2005  
Venue: Daewoo Hotel, Hanoi (Vietnam)***

***Organizer***

*A-IMBN(Asia-Pacific International Molecular Biology Network)*

***Co-Organizes***

*SCA(Science Council of Asia)  
The University of Tokyo*

***Organizing committee***

*Sumiko Watanabe, Le Thanh Hoa*

***Sponsored in part by***

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Tokyo Life Science Council*

***— Contents—***

*Message from the president A-IMBN*

*Program*

*Abstract*

*Speakers list*

On behalf of the Asia-Pacific Molecular Biology Network (A-IMBN), I wish to welcome you to the 5<sup>th</sup> Conference of the Science Council of Asia (SCA) which will be held in Hanoi, May 11, 2005. It is indeed a great privilege for A-IMBN to be able to take part in this prestigious symposium series organized by SCA.

Starting with its first conference, the SCA has focused on the issues of sustainable human development, and this year, "Molecular Medicine" has been selected as the main topic. Thanks to the efforts of Profs. Kiyoshi Kurokawa, Sumiko Watanabe and , Le Thanh Hoa, we are confident that the conference will continue to provide a great opportunity to update knowledge, share scientific expertise, and renew friendships.

A-IMBN is relatively a young organization dedicated to promoting the development of molecular biology and biotechnology in the Asia-Pacific region. Since its inception in 1997, A-IMBN has initiated several innovative programs. Annual conferences were held in many major cities in the Asia-Pacific, various workshops and training courses have been organized under the sponsorship A-IMBN throughout the region. Modeled after the success story of EMBO and EMBL, proposals to establish A-IMBN's international laboratory are currently under discussion.

The A-IMBN is open to all scientists and institutions in Asia and the Pacific Rim. It will complement its activities with those of other international societies and associations that have similar aims. We are looking forward to working closely with the Science Council of Asia to fulfill our mission.

We wish you an enjoyable and informative meeting in Hanoi.

Prof. Jeongbin Yim

President, Asia-Pacific IMBN

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**08:50-09:00**      *Opening Remarks*

**Ken-ichi Arai** (Tokyo Metropolitan Institute, Japan)

**09:00-10:20**      *New approaches for pharmacogenetics and diagnosis*

Chair: Toshihiro Nakajima (St. Marianna University, Japan)

**09:00-09:30**      **Sunyoung Kim** (Seoul National University, Korea)

“Development of new and innovative drugs through the combination of molecular biology and traditional herbal medicines”

**09:30-10:00**      **Yoshikazu Nakamura** (Institute of Medical Science, The University of Tokyo, Japan)

“RNA Antibody”

**10:00-10:30**      **Le Thanh Hoa** (Institute of Biotechnology, Vietnam)

“Bird Flu investigations in Vietnam and briefing on new generations vaccines of recent advances in vaccine development for the influenza virus A and H5N1”

**10:30-10:45**      **Coffee Break** (Venue: Lotus' foyer)

**10:45-11:45**      *Disease, Stem cell and its mechanisms*

Chair: Ken-ichi Arai (Tokyo Metropolitan Institute, Japan)

**10:45-11:15**      **Toshihiro Nakajima** (St. Marianna University, Japan)

“Lesson from Rheumatoid Synovial cells”

**11:15-11:35**      **Sumiko Watanabe** (Institute of Medical Science, The University of Tokyo, Japan)

“Retinal stem cell and cell lineage”

**11:35-12:05**      **Brandon Wainwright** (The University of Queensland, Australia)

“Regulation of stem cell niches by the patched/hedgehog pathway”

**12:05-13:30**      **Lunch** (Venue: Café-promenade)

**13:30-15:00**      *Immunology, Genomics proteomics*

Chair: Le Thanh Hoa (Institute of Biotechnology)

**13:30-14:00**      **Ken-ichi Arai** (Tokyo Metropolitan Institute, Japan)

“Regulation of immune response by dendritic cells”

**14:00-14:30 Makoto Suematsu** (Keio University, School of Medicine, Japan)

“Metabolome analysis to pinpoint mechanisms for gaseous signal transduction”

**14:30-15:00 Donald P. mcManus** (Queensland Institute of Medical Research, Australia)

“The genomics of parasitic flatworms.”

**15:00-15:20 Coffee Break** (Venue: Lotus' foyer)

**15:20-16:50** *Frontier of molecular analysis of infectious diseases*

Chair: Sunyoung Kim (Seoul National University, Korea)

**15:20-15:40 Saharat Aungsumart** (Faculty of Science, Mahidol University, Thailand)

“Human papillomavirus oncoproteins upregulate MHC class I related chain (MIC) genes”

**15:40-16:00 Takeshi Noda** (Institute of Medical Science, The University of Tokyo, Japan)

“Ultrastructural analysis of an architecture of ribonucleoprotein complexes in influenza A virions; an implication of selective packaging of segmented genome”

**16:00-16:30 Vladimir Brusic** (Institute for Infocomm Research, Singapore)

“Analysis of antigenic variation of influenza A virus and identification of targets of cellular immune responses”

**16:30-17:00 Choon-Kook Sam** (Institute of Biological Sciences, University of Malaya, Malaysia)

“Genotypic and Functional Comparisons of Epstein-Barr Virus Latent Membrane Protein-1 from Different Stages of Nasopharyngeal Carcinoma”

**17:00-17:10** *A-IMBN*

**Kevin Yoon** (Managing Director, A-IMBN)

**17:10-17:15** *Closing Remarks*

**Le Thanh Hoa** (Institute of Biotechnology, Vietnam)