



6th AOHUPO congress was successfully held in Beijing, China May 5 to 7, 2012

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The second AOHUPO hESC-MPI workshop was held during 6th AOHUPO congress

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Professor Young-Ki Paik received plaque of appreciation during 6th AOHUPO congress

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12th Human Proteome Organisation (HUPO) World Congress September 14-18, 2013, Yokohama, JAPAN

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AOHUPO Council Meeting held on 6th May 2012, Beijing, China

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6th AOHUPO congress was held in China National Convention Center, Beijing, China

The 6th AOHUPO congress was co-hosted by AOHUPO and China Human Proteome Organisation (CNHUPO), and co-organized by Beijing Institute of Radiation Medicine, Beijing Proteome Research Center and Fudan University. The co-chairs were Kazuyuki Nakamura, President of AOHUPO, Fuchu He, Vice President of AOHUPO and Honorary President of CNHUPO, and Pengyuan Yang, Council Member of AOHUPO and President of CNHUPO. The congress hosted over 1,000 scientists including 74 speakers from 156 research institutions in 24 countries/regions. A grand opening ceremony was held at 16:30 PM of May 5th, chaired by Professor Pengyuan Yang. On behalf of AOHUPO, Professor Kazuyuki Nakamura, the president of AOHUPO, gave the opening speech to warmly welcome the participants and wish the congress a complete success.

Following that, Professor Fuchu He reviewed the progress of proteomics studies in China and in Asia after the 3rd HUPO congress held in Beijing eight years ago. He looked forward the further promotion of proteomics research in the Asia and Pacific Oceania region after this AOHUPO Congress.

Afterward, Mr. Yan Shen, Vice President of National Natural Science Foundation of China, Mr. Xian'en Zhang, Director-General of Department of Basic Research in the Ministry of Science and Technology of China and Mr. Yumin Wang, Deputy Director of Health Department of General Logistics Department of PLA, gave speeches in succession and congratulated the successful opening of the congress.

“Over 1,000 scientists including 74 speakers from 156 research institutions in 24 countries/regions attended the congress”

At the end, to show their respects and appreciation to Professor Young-Ki Paik, the former President of AOHUPO, for his tremendous contributions to the development of AOHUPO, Professors Kazuyuki Nakamura and Maxey Chung, Secretary-General of AOHUPO, presented a plaque to him.

In memory of CNHUPO 10th anniversary, the congress also provided special ceremony after the opening ceremony. Professor Fuchu He gave a

special lecture entitled “Ten Years Dream Trip of CNHUPO & HLPP” to show an overview of scientific research achievements and a development blueprint of CNHUPO and Human Liver Proteome Project (HLPP). In memory of the contributions from the pioneer scientists of Professors Fuchu He, Zihe Rao, Yukui Zhang, Pengyuan Yang, the Distinguished Achievement Award, Distinguished Mentoring Award, Technology Innovation Award, and Distinguished Service Award were presented to them respectively. Also in memory of HLPP 10th anniversary, CNHUPO published a special book, “Liver Proteome”. Professor Pengyuan Yang gave a brief introduction and presented the Special Books to representative professors and young scholars. The 13 outstanding plenary lectures and 61 keynote lectures presented an elaborated scientific program under the theme, “Proteomics—Better for life”, which spread in 3 days from May 5 to 7.

“Professors Fuchu He, Zihe Rao, Yukui Zhang, Pengyuan Yang, received the Distinguished Achievement Award, Distinguished Mentoring Award, Technology Innovation Award, and Distinguished Service Award, respectively”

The topics covered a varied range of proteomics studies, including “Disease Signatures/Biomarkers of Disease and Personalized Medicine”, “Proteomics of Model Organisms and Other Plants & Microorganisms”, “Post-translational Modifications”

“Glycoproteins and Glycans: Structure, Function and Applications”, “Proteomics and Clinical Application”, “Chemical Proteomics and Drug Discovery”, “Quantitative and Targeted Proteomics and Systems Biology”, “Proteomics: New Approaches and Novel Techniques” and “Bioinformatics: Databases, Post-translational Modifications, Quantification and Validation”. In order to promote the collaboration between CNHUPO and KHUPO, two outstanding young Korea Proteomics scientists, Dr. Wonryeon Cho from Wonkwang Univ. and Dr. Chan-Wha Kim from Korea Univ, selected by KHUPO and financially supported by CNHUPO under the Young Scientist Exchanging Project between China and Korea were also invited as key note speakers to attend this congress. This congress also provided Education & Training Workshop, International Interactome Initiative (I3) Workshop (organized by Professors Benoit Coulombe, Xiaoming Yang and Jun Qin), 2nd AOHUPO hESC-MPI Workshop (AOHUPO human Embryonic Stem Cell-Membrane Proteome Initiative, organized by Professors Ghasem Hosseini Salekdeh and YuJu Chen), and the 5th C-HPP Consortium Workshop (The Chromosome-Centric Human Proteome Project, organized by Professors Young-Ki Paik, Bill Hancock and György Marko-Varga). The Education & Training Workshop was organized by Professors Kazuyuki Nakamura and Richard J. Simpson.



Photo taken during welcome reception and banquets dinner, 6th AOHUPO congress, May 5, 2012, Beijing, China

There were 11 lectures, including 3 selected from the winners of Young Scientist Travel Award given by various aspects of the proteomics technology. Over 120 young scholars attend the workshop. These four satellite meetings were very fruitful in providing great opportunities to communicate in-depth knowledge in the specific areas of proteomics technologies, protein-protein interaction, Embryonic Stem Cell-Membrane Proteome, and chromosome based proteomics. In this congress, outstanding 249 posters were presented by researchers and graduate students. To support the outstanding young scientists from other countries to attend the congress, 30 of the submitted abstracts were provided with Young Scientist Travel Award. In order to encourage young research students doing high-quality work as well, a total of 30 posters were selected from the left posters for Excellent Poster Award. The awards were presented at the closing ceremony by all of AOHUPO council members.

Bill Jordan: “the congress (6th AOHUPO) was the best ever in the regional society history”

Finally, Professor Bill Jordan, Vice President of AOHUPO, gave the closing speech to celebrate the successful congress. He summarized that the AOHUPO 6th congress provided an informative exchange platform to showcase progress within the field of proteomics and related disciplines and a valuable opportunity to promote international collaboration within the Asia and Pacific Oceania region and worldwide. He also praised that the congress was the best ever in the regional society history and upgrade AOHUPO meeting to the global level; and also a landmark for the future promotion of proteomics in Asia, Oceania and Pacific region for "Better Life".



Group photo of the invited speakers in AOHUPO2012 closing ceremony, Beijing, China, May 7, 2012

The second AOHUPO hESC-MPI workshop was held during 6th AOHUPO congress

The second AOHUPO Human Embryonic Stem Cell Membrane Initiative (AOHUPO hESC-MPI) was held during 6th AOHUPO congress in Beijing on May 5, 2012. During this workshop, Dr. Ghasem Hosseini Salekdeh (Chair of AOHUPO hESC-MPI) and Dr. YuJu Chen (co-chair of AOHUPO hESC-MPI) presented sample preparation (nucleus, mitochondria, and membrane fraction) and delivery. The AOHUPO hESC-MPI samples have been distributed among different laboratories in China, Korea, Japan, Singapore, and Australia. During workshop, three groups presented the preliminary data of AOHUPO hESC-MPI samples analysis including YuJu Chen and Ying Jiang and Maxey Chuang. Various topics related to data collection and integration, functional analysis of novel proteins, and next phase of initiative were discussed..



Some of AOHUPO hESC-MPI workshop participants pause for a group photo

The identification and characterization of membrane proteins has been the focus of AOHUPO since it initiated the phase I of MPI (2007-2009) directed by Dr. Bill Jordan. It was a multi-laboratories project which was focused on technology development, participants applied a range of proteomics methods to identify proteins in the MPI sample (the microsomal membrane fraction of mouse livers) prepared in Jordan's lab. Following the success of phase I, AOHUPO takes on hESC-MPI. Human embryonic stem cell are pluripotent cell lines with the potential to form any human cell type and can be propagated in vitro in an undifferentiated stage. Because of their exceptional properties, hESCs have tremendous potential to be used for developmental biology study, drug screening, functional genomics applications, and regenerative medicine.

Professor Young-Ki Paik received plaque of appreciation during 6th AOHUPO congress

During 6th AOHUPO congress, Professor Young-Ki Paik, the former President of AOHUPO, received a plaque of appreciation from AOHUPO council for his tremendous contributions to the development of AOHUPO. Professors Kazuyuki Nakamura and Maxey Chung, Secretary-General of AOHUPO, presented a plaque to him. Professor Paik is a biochemist and molecular biologist by training and has worked in the discipline of proteomics with

working closely together for the regional HUPO activities and common research interests. During his tenure as president of AOHUPO (2008-2010), strong cooperation among member countries started with activities related to AOHUPO MPI, biannual conferences and workshops. He has also served as the inaugural President of the Korean Human Proteome Organization (KHUPO, >900 members), which was established in July, 2001 as the first



A group photo of AOHUPO council members taken during presentation of plaque of appreciation to Young-Ki Paik for his tremendous contributions to the development of AOHUPO

emphasis on cancer and metabolic diseases for many years. He has a track record of outstanding achievements in both science and administration.

As director of the Yonsei Proteome Research Center (YPRC) (www.proteomix.org), the first proteome research institute established in Asia in 1999, he has demonstrated an outstanding leadership in managing diverse teams of research scientists on an international scale in handling many complex problems ranging from research projects to the daily operation and administrative works of the Centre. Professor Paik, along with Asian-Oceanian colleagues, has initiated the creation of AOHUPO in 2001, which now has 14-country members and is

HUPO national society. It is noted here that he and KHUPO may have lit a fire for the creation of regional HUPO societies in Asia-Oceania.

“Along with Asian-Oceanian colleagues, professor Paik has initiated the creation of AOHUPO in 2001, which now has 14-country members”

Professor Paik has also been instrumental in establishing other proteome research groups or institutes in Korea. During his presidency for HUPO (2009-2010), Paik has demonstrated his leadership which led to the launching of Human Proteome Project where he serves as co-leader for Chromosome Centric HPP (C-HPP).

**12th Human Proteome Organisation (HUPO) World Congress
September 14-18, 2013, Yokohama, JAPAN**



**12th Human Proteome Organisation
World Congress**

Date : 14-18 September, 2013
Venue: Pacifico Yokohama

Theme: The Evolution of Technology in Proteomics



The HUPO World Congress is to be held on September 14-18, 2013 in the International Conference Center, PACIFICO YOKOHAMA, in Yokohama, Japan. Themed on “Evolution of Technology in Proteomics”, the Congress provides a forum to support active and deep discussions among world-renowned researchers, and further promote the proteomic study and its application. The Training Course for Proteomic Techniques is to be held for young researchers as a pre-congress event in Yokohama City University on September 12-14, 2013.

Yokohama is the harbor city opened first to the world as the entrance to Japan 150 years ago. Yokohama has been vigorously acquiring new cultures and information from foreign countries. Yokohama is entitled as the birthplace of Japan's modern culture. The total population of Yokohama is 3.7 millions, making the city the second largest after Tokyo. Yokohama is located near Tokyo. It takes only 30 minutes by train from the Tokyo International Airport (Haneda).

IMPORTANT DATES

Abstract Submission:

December 11, 2012 – March 15, 2013

Early Bird Registration:

January 11, 2013 – May 31, 2013

Standard Registration:

June 1, 2013 - August 30, 2013

Notification of acceptance of abstracts:

April 5, 2013

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AOHUPO Council Meeting

AOHUPO council meeting was held during 6th AOHUPO congress in Beijing, China, on 6th May 2012. Eighteen (out of 20) council members including Kazuyuki Nakamura (President, Japan), Young-Ki Paik (Past President, S. Korea), Fuchu He (Vice-President, China), Bill Jordan (Vice President, New Zealand), Maxey Chung (Secretary-General, Singapore), Richard Simpson (Australia), Ghasem Hosseini Salekdeh (Iran), YuJu Chen (Taiwan), Pengyuan Yang, Hisashi Hirano (Japan), Jisnuson Svasti (Thailand), Ravi Sirdeshmukh (India), Ho Jeong Kwon (S. Korea), Ajay Kohli (The Philippines), Terence Poon (Hong Kong), Phan Van Chi (Vietnam), Iekhsan Othman (Malaysia), Nikhat Ahmed Siddiqui (Pakistan) were present in this meeting. Visith Thongboonkerd was also special guest of meeting. The AOHUPO council nomination process was discussed and in order to make this more transparent, it was proposed that AOHUPO council should consult the by-laws for this.



Group photo of AOHUPO council members during council meeting in Beijing, China, May 6, 2012

It was mentioned that Thailand would host the 7th AOHUPO Conference in 2014 and the venue would be in Bangkok. The proposed date is August 6-8, and the theme is "New Frontiers in Proteomics". It will be held in conjunction with 9th International Symposium of the Protein Society of Thailand (PST). The Chair will be Jisnuson, Secretary, Visith, and Chantragan, Treasurer. In the meeting, Hosseini and YuJu provided an update on AOHUPO hESC-MPI project.

Samples had been sent to various participating members and it was suggested that results for the analyses should be sent to them by end of June. Professor Nakamura thanked all AOHUPO council members for coming to Beijing for the 6th AOHUPO Congress and to attend the council meeting. On behalf of everyone, he expressed thanks to Fuchu and organizing committee of the 6th Congress for the hospitality shown, and for the great organization of the conference.



Any material submitted will be subject to approval by the AOHUPO Executive Committee and the Publications Committee

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If you wish to contribute news, notices of events, or any other items, please feel free to forward it to AOHUPO Newsletter Office:

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