

Fostering international proteomic initiatives to better understand human disease

HUPO 8th Annual World Congress Toronto, Canada

Sept. 26-30 2009

Early
Registration
Extended to
July 6, 2009

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HUPO Executive Committee Workshop March 2009

A workshop of the HUPO Executive Committee was held in Seoul, Korea, March 25-27 2009.

During that three-day session, fruitful discussions amongst current EC members and former HUPO Presidents took place, focused on HUPO innovation and challenges, as well as HUPO Initiatives and the Human Proteome Project.

The topics of these discussions included the current state of HUPO governance (i.e. its Council and committees). In this regard, it was decided to reduce its Council members to 45 from the current 48, to even out the numbers of seats open yearly for election for each region. For the various HUPO committees, it was agreed that a clear mission statement should be articulated for each.

The financial status of HUPO was also closely scrutinized, with a view to increase corporate sponsorship and to provide steady income for years to come. As well, the operations of its headquarters will be subject to review by an ad hoc committee.

The involvement of the national and regional societies was also highlighted. It was suggested to increase interaction both amongst societies themselves, and between the societies and HUPO.

With regards to membership, HUPO is currently focusing on campaign and promotion, as well as the addition of benefits to members. In this regard, some plenary lectures from HUPO 7th Annual World congress have already been posted online for members to watch. The intention is to make more videos available for members to watch. These videos would come from plenary



*Current HUPO Executive Committee members at the Seoul Workshop:
Ole Jensen, Gilbert Omenn, Pierre Legrain, Young-Ki Paik, Rolf Apweiler, Catherine Costello; Past Presidents Sam Hanash and John Bergeron (Not in picture: Richard Simpson, Mathias Uhlen).*

and selected lectures of HUPO future congresses.

In addition, it was recommended that the HUPO by-laws be changed to allow HUPO members to vote remotely for HUPO board of directors. This recommendation is being studied by the HUPO by-laws committee and if approved, the members will be requested to approve the change during the Annual General Assembly in September 2009.

On the scientific side, initiatives present status was presented. A better communication between and within initiatives is clearly needed. A recommendation was made to streamline the process and to foster better collaboration and communication prior to embarking on a Human Proteome Project.

For the Human Proteome Project, based on an updated version to come, a working group should be formed, including outsiders of the present proposal, to deliver a document for September 2009 in Toronto.

Overall, this meeting has provided a solid foundation on which HUPO can build as it gathers momentum within the community.

PRESIDENT'S MESSAGE



Young-Ki Paik
HUPO President

HUPO Rolls into the Future

Dear Colleagues,

We are now approaching our 8th annual congress, in Toronto. At this point, I would like to report on a few items directly related to your interests as well as HUPO development. Let me begin by congratulating John Bergeron and his colleagues for accomplishing a landmark achievement on protein test standards; 102 scientists from 27 labs contributed to this work, which was published last month (Nat Methods, 2009 May 17). Like other successful HUPO initiatives, this three-year collaborative project is a milestone in the MS-based proteomics field. The study clearly shows that appropriate education and training (E&T) in the field of proteomics leads to solutions to technical bottlenecks associated with robust reproducibility and applicability to large projects (i.e., Human Proteome Project-HPP). As demonstrated by the success of this project, HUPO must enforce the E&T program to expedite establishing standard practices in proteomic analysis. In this respect, HUPO will soon launch the Tutorials Program Initiative in which major proteomics journals will also be committed to participate. I would like to personally thank the HUPO E&T committee (chaired by Angelika Gorg) for their outstanding proposal and Pierre Legrain who has mediated communications between and within different working groups to get this project launched in Toronto.

I am also pleased to report that a 3-day HUPO Executive Committee workshop was successfully completed in Seoul (March 25-27). The HUPO EC communicated many constructive

solutions to many pending issues and laid out HUPO's future direction, which will benefit all of our members. Highlights from our suggestions on HUPO related subjects include a special measure to enhance members' benefits (e.g., support of HUPO test samples, online directory of members for networking, etc); establishment of a three member *ad hoc* committee on HUPO HQ operations composed of Ralph Bradshaw (Chair, US), Naoyuki Taniguchi (Japan) and Albert Heck (Netherlands); installation of the HUPOST editorial board (chaired by the Secretary General); re-organization of HUPO initiatives (chaired by Gil Omenn); and recommendation of a timeline for crafting the HPP plan as a major HUPO initiative. In particular, I would like to thank Ralph, Naoyuki and Albert for their willingness to undertake their challenging task. We anticipate many constructive recommendations for HUPO operations from them within the next few months.

Regarding the HPP, a revised summary proposal on the strategic points of the HPP with respect to launching, governance, operation and funding will be submitted to the HUPO Council. Meanwhile, our colleagues in several countries have already begun their journey to gene-centric HPPs. The recent HPP workshop in Russia (March 20-21) and related local proteomics meetings such as KHUPO (March 25-27) and the Iranian Proteomics Society Meeting (April 23-24) revealed enthusiasm to move this project forward even before it is officially launched at the HUPO level. I am confident that in light of our synergistic cooperation there will be more communication between international working groups to streamline the process and to foster better cooperation with granting agencies prior to embarking on this initiative.

The HUPO election season is rapidly approaching. Mark Baker and his colleagues serving on the HUPO Nomination and Election Committee are preparing for the HUPO election in Toronto. The HUPO Bylaws Committee chaired by Rolf Apweiler is working to make an amendment to the current voting system which will allow members to vote remotely in addition to real-time voting at the annual Congress. We are keen to enhance participation by the full membership. As we are now approaching the HUPO Congress in Toronto, I was very impressed to see more than 850 abstracts submitted and all exhibition booths sold out. I also welcome the Canadian Proteomics Network (CNP) as co-sponsors of the Toronto Congress and associated pre-Congress activities. My special thanks go to the organizers of the meeting who have been working very hard to make it a major success. Regarding our financial status, I am pleased to report that our HUPO equity currently stands very well. I thank the former HUPO congress organizers, Albert Heck and his colleagues in Amsterdam, who did an excellent job securing a surplus for HUPO. Nevertheless, as pointed out by Gil Omenn, HUPO needs a strategy to secure corporate sponsorships throughout the year and not only in connection with the congress.

Finally, given all of the positive points described in this letter, I am confident that HUPO is now progressing to its next level of development. Again I want to give due credit to our members for their enthusiastic support and participation in HUPO-related meetings worldwide. I look forward to communicating additional success stories related to HUPO in the near future and welcome your input for this newsletter.

NATIONAL/REGIONAL MEETINGS

3rd Congress of the Spanish Proteomics Society (SEProt) and 2nd Latin American Human Proteome Organisation



The 3rd Congress of the Spanish Proteomics Society (SEProt) and the 2nd Latin American Human Proteome Organisation (LAHUPO) were celebrated conjointly last February at the University of Navarra in Pamplona, Spain. During the meeting more than 260 international participants witnessed recent progress in different fields of Proteomics research, from novel technical advances to their applications in plant, animal and human proteomics. Additionally to the outstanding scientific sessions, the opening and closing lectures were especially remarkable. They were delivered by Profs Michael Karas, Franz Hillenkamp and Peter Roepstorff, who greatly honoured our Society having accepted the Honorary Membership of SEProt.

The Spanish Proteomics Society (SEProt) was born in 2004 with the aim of developing and disseminating Proteomics through the organization of courses, workshops and meetings to stimulate an innovative scientific and technological research in Proteomics and to promote the technical and scientific training of our scientific community.

AOHUPPO Membrane Proteomics Initiative (MPI) Workshop Taiwan June 19-20, 2009



The 5th AOHUPPO Membrane Proteomics Initiative (MPI) Workshop was recently held at Academia Sinica, Taipei, Taiwan (June 19-20, 2009), in conjunction with the 2009 TPS International Proteomics Conference organized by Taiwan Proteomics Society (TPS). Together, the 2-days event attracted over 300 participants, with 19 invited lectures from both foreign and local scientists, including two by the current HUPO and AOHUPPO President, Young-Ki Paik. In addition to workshop presentations by AOHUPPO MPI investigators, presided over by the Director, Bill Jordan, who also discussed the progress, impact and future prospects of MPI, scientists from US, Canada, and Germany joined their Asian colleagues in presenting exciting technical advances and bioinformatics solutions for increasing the overall coverage, precision and speed in quantitative and targeted proteomics, encompassing both the membrane and phosphoproteomics, with applications in clinical diagnosis and biomarker discovery.

The newly elected TPS President,

also gave an account of her own research, as well as the local proteomic scene during her welcoming address.

The international meeting further provided opportunities for local students and young participants to present their work through poster communications and the AOHUPPO to hold its annual council meeting.

Second Conference of the Iranian Proteomics Society

The 2nd Iranian Proteomics Conference took place on April 22-24, 2008, at Royan Institute in Tehran, Iran. Before official start of the conference, the educational day of conference started with a good overview of proteomics technologies. About 350 participants from all over the country attended the meeting.

Twenty-three lectures were presented by Iranian scientists as well as invited speakers including Young-Ki Paik, Pier Giorgio Righetti, Setsuko Komatsu, Max C.M. Chung, and Hans-Peter Mock. Lectures and posters covered many different fields of proteomics including cancer, infectious disease, plant, stem cell, and membrane proteomics as well as new advances in technologies.

The current status of the Human Proteome Project was also presented by the president of HUPO. The general election of the Iranian Proteomics Society Executive Committee (2010-2014 term) was also held during the conference.

HUPO VIII World Congress

www.HUPO2009.org

Proteomics of Human Health: Environment and Disease

Themes

Human Proteome Projects and Tool Box
Proteomics in Agriculture and Environment
Genomic and Proteomic Interface
Systems Biology and Cellular Pathways
Computational Proteomics
Clinical and Disease Proteomics

Congress Programs and Events *Now Online*

HUPO Education Day Program
HUPO Clinical Day Program
International Forum of Proteomics* *New*
Proteomic GALA* *New*
CNPN Symposium
Proteomic Technology Development Symposium

Online Registration Open
Early Registration: July 6th, 2009

A total of 120 Young Investigator Travel Awards
To Be Announced in July, 2009 (www.HUPO2009.org)

**150 Oral Presentations Selected from
Abstract Submissions**
Abstracts for Late Breaking Science
Deadline: July 15th, 2009

Congress Scientific Program

- HUPO Initiatives Chaired By:
 - Gilbert Omenn (US)
- Plenary Lecture Speakers:
 - Ruedi Aebersold (Switzerland)
 - Mark Baker (Australia)
 - Cathy Costello (US)
 - Jack Greenblatt (Canada)
 - Don Hunt (US)
 - Carol Robinson (UK)
 - Jan Schnitzer (US)
 - Mathias Uhlen (Sweden)
- NIH Sponsored Sessions & Workshops

HUPO
2009

September 26th-30th
2009
Toronto, Canada.

Sponsorship Opportunities

Sponsor Congress Symposiums
Sponsor Human Proteome Projects

Dates of Exhibit: September 27th-30th, 2009

Dates of Booth Setup: September 26th, 2009

Booth Sizes: Booth sizes are 8'X10'

Booth Rental Costs*

Inside Booth \$3,600

Corner Booth \$4,000

*Canadian currency; limited booth availability
in HUP02009.

Exhibitor Workshops (only 3 left)

Online Exhibitions (Virtual tour)

Vendor Suites (limited availabilities)

Congress Sponsorship

Education Program
Clinical Program
Named Lectures
Featured Symposiums

HUPO Sponsorship

Scientific Initiatives
Human Proteome
Projects
HUPO Awards

For Detailed Information:
info@HUPO2009.net

Organizing Committee



Christoph Borchers



Michael Siu



David Fenyo



Peipei Ping



Peter Liu



John Yates

Jointly Sponsored By

Genome Canada
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OGI, OICR, Genome Quebec



UPCOMING EVENTS

JULY

6th Joint BSPR/EBI Proteomics Meeting
Multiscale Proteomics: From Cells to Organisms
 July 14 - 16, 2009
 Wellcome Trust Conference Centre, Hinxton, Cambridge, UK
www.bpsr.org



Joint BSPR, RASOR Consortium and Single Cell Proteomics (SCP) Project Nanoproteomics Workshop
 July 17, 2009
 Wellcome Trust Conference Centre, Hinxton, Cambridge, UK
www.gla.ac.uk/faculties/fbls/rasor/headline_123184_en.html

7th Japan Human Proteome Organization (JHUPRO)
 Tokyo, Japan
 July 27 - 28, 2009
www.bioweb.ne.jp/7th_jhupro/english/index.html



AUGUST

11th International Congress on Amino Acids, Peptides and Proteins
 Vienna, Austria
 August 3-7, 2009
www.meduniwien.ac.at/ICAAP09

SEPTEMBER

1st Int. Congress on Analytical Proteomics - 5th Congress of the Portuguese Proteomics Network
 Caparica, Portugal
 Sep 30-Oct 3, 2009
www.cqfb.fct.unl.pt/Procura_ICAP



SMAP2009
"Mass Spectrometry & Proteomics Analysis"
4th Joint SFEAP/SFSM Meeting
 Dijon, France
 September 14 - 17 2009
www.clipproteomic.fr/smap



HUPO 9th Annual World Congress, Sydney 2010

Congress Chairs: Mark Baker, Ian Smith and Marc Wilkins

Dates: 19-24 September 2010



HUPO 10th Annual World Congress, Geneva 2011

Congress Chairs: Jean-Charles Sanchez, Luca Bini and Denis Hochstrasser

Dates: 3-7 September 2011

Mass Spectrometry in Protein Chemistry and Proteomics: Post Translational Modifications and Quantitation

Date: October 19-23, 2009

Bioinformatics in Mass Spectrometry Based Proteome Analysis

Date: Course will be scheduled for second part of 2009

Location: University of Southern Denmark (SDU), Odense, Denmark

Course organizers: Ole Nørregaard Jensen & Karin Hjerno

Information: <http://www.hupo.org/educational/courses/>

HUPO ACKNOWLEDGES THE GENEROUS SUPPORT OF ITS PARTNERS



CIHR IRSC
Canadian Institutes of Health Research / Institut de génétique



CIHR IRSC
Canadian Institutes of Health Research / Institut des neurosciences, de la santé mentale et des toxicomanies



IRSC CIHR
Instituts de recherche en santé du Canada / Institute of Nutrition, Metabolism and Diabetes



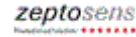
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HUPO INDUSTRIAL PARTNERS



ELITE SPONSOR OF HUPO INITIATIVES

HUPO INDUSTRIAL ADVISORY BOARD (2009)



Human Proteome Organisation

HUPO Headquarters
740 Dr Penfield Avenue
Room 6204
Montreal, Quebec
CANADA H3A 1A4
Tel: +1-514-398-5063
Fax: +1-514-398-2036
www.hupo.org

ADVERTISING AND SPONSORSHIP OPPORTUNITIES

If you wish to advertise in the HUPO newsletter or to find out about sponsorship opportunities, please contact:

Wehbeh Barghachie
HUPO Headquarters
Tel: +1 514 398-2938
Fax: +1 514 398-2036
wehbeh.barghachie@mcgill.ca

CONTRIBUTIONS WELCOME

The HUPO Newsletter aims to disseminate information throughout the proteomics community.

If you wish to contribute news, notices of events, or any other item, please feel free to forward it to HUPO Headquarters, using the link on the www.hupo.org website.

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