

Fostering international proteomic initiatives to better understand human disease

REPORT ON THE HUPO 10TH ANNUAL WORLD CONGRESS, GENEVA, 2011

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Over 1500 participants from 49 countries attended the HUPO 10th Annual World Congress in Geneva, Switzerland last September.

With beautiful Lake Lemman as a backdrop, the congress was organised by Denis Hochstrasser, Jean-Charles Sanchez and Luca Bini, jointly with EuPA and the Swiss Proteomics Society.

Focussing on Translational Proteomics, the congress featured 15 symposia and 8 plenary lectures. Again this year, talks on HUPO Initiatives were included in the main program.

A new aspect of this year's congress was the addition of a Symposium on New Technologies and Standardization in Proteomics, chaired by Christoph Borchers and Bruno Domon. This was received with great enthusiasm and will likely be repeated at future HUPO Congresses.

As well, the inaugural HUPO Science and Technology Award was given out during a session hosted by the HUPO Industrial Advisory Board.

As always, industry symposia and the exhibit and trade show provided the opportunity to network and find out about the latest technologies, interwoven with the social program.

All this culminated on September 7th with a fantastic evening at the circus, creating wonderful memories for everyone attending.



Congress organizers Jean-Charles Sanchez, Denis Hochstrasser and Luca Bini.



The 55 exhibiting companies received a considerable number of visitors.



Over 1500 participants from 49 countries took part in this year's congress.

PRESIDENT'S MESSAGE



Cathy Costello
HUPPO President

Dear colleagues and friends of HUPPO,

Already we are coming to the close of the year 2011, the 10th anniversary of HUPPO and the International Year of Chemistry. This year saw the magnificent HUPPO Annual World Congress in Geneva; I extend many thanks to the organizers Denis Hochstrasser, Jean-Charles Sanchez and Luca Bini on the high quality of the scientific program, the smooth overall organization of the meeting and the most enjoyable social events.

The year 2011 was marked by significant progress in the structuring of the Human Proteome Project, a

major worldwide undertaking of HUPPO, and by announcements of the “adoption” of most chromosomes by national or integrated groups and of the Biological Projects within HPP. At the same time, the increase of papers related to determinations of the proteomes of non-human systems reflects the importance of all organisms to our quest for understanding of life and the promotion of health and well-being among populations worldwide.

Plans are well developed for the 2012 HUPPO World Congress in my home town of Boston and I will be happy to welcome you in September. For 2013, our site will be Yokohama; our organizing committee in Japan assures us that the events of 2011 will not interfere with the conduct and expected success of this meeting. We are pleased to announce that the 2014 HUPPO Annual World Congress will be held in Madrid, and will be chaired by Dr. Concha Gil, with Dr. Juan Pablo Albar, Dr. Juan José Calvete and Dr. Fernando Corrales as co-chairs. The Spanish Proteomics Society (SEPROT) will host the meeting, during October 5-8, 2014.

This year has been a time of transition for HUPPO, as the administrative functions are being assumed by Scientific Association

Management, Santa Fe, New Mexico, USA, a group with long experience in supporting and enhancing the efforts of the officers and myriad contributing members of volunteer organizations like HUPPO. To finalize this transition, councilors and members will shortly be asked to participate in online voting to approve the bylaw modification that is necessary to allow location of the HUPPO office outside of Canada. Members will also be able to approve other minor changes that will make the bylaws clearer and thus smooth the operations of HUPPO. It is very important that councilors and members participate. Please be watching for the announcements related to the bylaw votes.

I congratulate the winners in our recent elections. I thank all those who are completing their terms on the Council and Executive Committee for their efforts on behalf of HUPPO.

Best wishes to all for the Holidays and for the New Year!

Cathy Costello
HUPPO President

Membership Alert!!!

2012 HUPPO membership renewal reminders will be sent out by email in January 2012. HUPPO membership year will start January 1st 2012 and end December 31st 2012.

As usual, HUPPO active members will be offered discounted registration fees to
HUPPO 11th Annual World Congress, Boston 2012

www.hupo2012.com

ANNOUNCEMENTS

2011 HUPO ELECTIONS - BOARD OF DIRECTORS (TERM 2012-2014)

Again this year HUPO members were able to vote electronically. We are happy to report that nearly a third of the members did cast their ballot.

New Council members



Bruno Domon
Luxembourg



Gilberto Domont
Brazil



Hisashi Narimatsu
Japan



Pierre Thibault
Canada



Cathy Wu
USA

Were re-elected: (not pictured)
Mark Baker, Australia
Richard Caprioli, USA
Maxey Chung, Singapore
Bill Hancock, USA
Fuchu He, China
Albert Heck, The Netherlands
Gil Omenn, USA
Thierry Rabilloud, France
Mike Snyder, USA
Marius Ueffing, Germany
Marc Wilkins, Australia

2011 HUPO AWARD WINNERS



Amos Bairoch (right) received the HUPO Distinguished Achievement Award in Proteomic Sciences from HUPO Awards Chair Maxey Chung (left) and Gyorgy Mark-Varga. This award is sponsored by



Steve Carr received the HUPO Discovery Award in Proteomics Sciences.



Fuchu He received the HUPO Distinguished Service Award.



Alexander Makarov (right) received the inaugural HUPO Science and Technology Award from HUPO Industrial Advisory Board co-chair Aran Paulus.

RECENT EVENTS

C-HPP CONSORTIUM MEETING IN GENEVA



The C-HPP general management council held a workshop as part of the HUPO 10th Annual World Congress in Geneva, on September 6, 2011.

At this meeting attended by more than 150 people, the C-HPP group approved the proposals on the draft version of standard guidelines (with view of revision), the C-HPP logo (as shown above), the establishment of a temporary C-HPP HQ (YPRC, as a coordinator for project planning) and the next workshop planned in Beijing on May 6, 2012).

Also discussed was the publication

plan of a special issue of JPR, targeting January, 2013 as a possible publication date.

As of November 1, 16 national groups have joined the consortium by each selecting a chromosome: Chr 1 (China), 2 (Switzerland), 3 (Japan), 6 (Canada), 7 (Australia/New Zealand), 8 (China), 11 (Korea), 13 (Korea), 14 (France), 17 (USA), 18 (Russia), 19 (Sweden/Spain/Germany/Belgium/India/China), 21 (Canada), X (Japan) and Y (Iran).

The consortium members also shared all of their slides presented at



Young-Ki Paik, chair of the C-HPP consortium gave an overview of the agenda. The co-chairs were Bill Hancock and Gyorgy Marko Varga (not pictured).

the Geneva meeting to promote communication among the members.

This consortium will be closely working with Biology/Disease-HPP consortium (chaired by Ruedi Aebersold) under the aegis of the HPP consortium.

MASS SPECTROMETRY AND PROTEOMICS ANALYSIS IN THE SPOTLIGHT AT THE POPES' PALACE, AVIGNON (FRANCE)

The 2011 edition of the French "SMAP" (Mass Spectrometry and Proteomics Analysis) congress was held from 19 to 22 September at the conference centre of the Popes' Palace in Avignon (France).

A SMAP meeting is held every two years, co-organised by the French Society for Mass Spectrometry and the French Society for Electrophoresis and Proteomics

Analysis. This year's event was a resounding success with over 600 participants over four days at 60 conferences, of which 15 were given by prestigious invited speakers (www.smap2011.fr).

High-quality scientific exchanges took place. In particular, new technological developments were discussed which will rapidly change the field of mass spectrometry applied to



The SMAP meeting was held in beautiful Avignon, France

protein and small molecule analysis.

A high level of industrial participation was noted, with 33 companies represented on exhibition stands. A jobs fair was organised in the form of a Speed Dating event with 18 job offers, half of which were coming from the companies attending SMAP.

HUPO

Boston 2012

11th World Congress
September 9 – 13, 2012

Hynes Convention Center
Boston, Massachusetts

IMPORTANT DATES

January 14
Registration and Abstract
Submission open

February 28
Early Bird Registration
deadline

May 4
Abstract submission
deadline

June 15
Regular Registration
deadline

August 15
Hotel Reservation
deadline



KEYNOTE SPEAKERS

Neil L. Kelleher
Northwestern University



Susan Lindquist
*Whitehead Institute for Biomedical Research
Massachusetts Institute of Technology*



Stuart L. Schreiber
*Broad Institute of Harvard and MIT
Harvard University*

PLENARY SPEAKERS

Natalie Ahn, *University of Colorado at Boulder*

Wolfgang Baumeister, *Max Planck Institute for
Biochemistry*

Anne-Claude Gingras, *Samuel Lunenfeld Research
Institute*

Samir Hanash, *Fred Hutchinson Cancer Research Center*

Hanno Langen, *Roche Molecular Laboratories*

Ulf Landegren, *Uppsala University*

Jeremy Nicholson, *Imperial College London*

Jun Wang, *Beijing Genomics Institute*

ORGANIZERS

Michael P. Snyder, *Chair, Stanford University*

Catherine C. Fenselau, *University of Maryland*

William Hancock, *Northeastern University*

Gilbert S. Omenn, *University of Michigan*

**INITIATIVES WORKSHOPS
POSTERS • EXHIBITION
INDUSTRY LUNCH SEMINARS**

ORAL SESSIONS

Data Galore: Bioinformatics and Databases

*The Business of Biology: BioPharma /
Biotherapeutics and Toxicology*

Beyond Genomics: Proteomics of Cancers

Clinical Insights: Disease Proteomics

*A World Unseen: Microbes & Infectious
Diseases*

Personal Proteomics: Diagnostics and Targets

*Charging it up: Post-Translational
Modifications I*

A Degrading Experience: Post-Translational II

Creating the Future: Emerging Technologies

Express Your Phenotypes: Epigenetics

*Searching Within: Membranes and
Organelles*

*Small Connections: Metabolomics / Protein
Small Molecule Interactions*

*Seeing the Whole Picture: Cell Signaling /
Systems Biology*

*Staying Connected: Regulatory Networks /
Protein-Protein Interactions*

*Catch and Display: Protein Capture
Agents + Arrays*



WWW.HUPO2012.COM

UPCOMING EVENTS

FEBRUARY

17th Lorne Proteomics Symposium
 Mantra Erskine Beach Resort, Lorne , Australia
 February 2nd – 5th, 2012
www.australasianproteomics.org.au/17th-lorne-proteomics-symposium



USHUPO 8th Annual Conference
 March 4th-7th, 2012
 Palace Hotel, San Francisco, CA
www.ushupo.org



MARCH

The 7th Norwegian Proteomics Conference
 March 19th-20th, 2012
 Rica Ishavshotel, Tromsø, Norway
<http://norwegian-proteomics-society.uio.no/activities.html>



KHUPO 12th Annual
 International Proteomics Conference
 "Proteins for Functional Genomics"
 March 29th-30th, 2012
 New Millenium Building, Konkuk, Seoul, Korea
www.khupo.org



APRIL

4th Annual CNPN Symposium
 "Proteomics: from protein structures
 to clinical applications"
 April 23rd-25th, 2012
 Metro Toronto Convention Centre, Canada
www.cnpn.ca/events/symposium/index.html



FUTURE HUPO ANNUAL WORLD CONGRESSES



The HUPO 12th Annual World Congress will be held in the city of Yokohama, Japan September 14-18, 2013, in coordination with JapanHUPO.

The congress will be organized by Drs. Naoyuki Taniguchi, Kazuyuki Nakamura and Hisashi Hirano.

www.HUPO2013.com

The HUPO 13th Annual World Congress will be held in the city of Madrid, Spain, October 5-8, 2014, in coordination with SEProt.

The congress will be organized by Dr. Concha Gil, with Dr. Juan Pablo Albar, Dr. Juan José Calvete and Dr. Fernando Corrales

www.HUPO2014.com

HUPO ACKNOWLEDGES THE GENEROUS SUPPORT OF ITS PARTNERS



Centre universitaire de santé McGill
McGill University Health Centre

HUPO INDUSTRIAL
PARTNERS



HUPO AWARD SPONSOR

HUPO DISTINGUISHED ACHIEVEMENT AWARD
IN PROTEOMIC SCIENCES
IS SPONSORED FOR 5 YEARS (2008-2012) BY



HUPO INDUSTRIAL ADVISORY
BOARD (2011)



Human Proteome Organisation

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IS YOUR COMPANY
INTERESTED IN JOINING
THE IAB OR SPONSORING
HUPO 2012 WORLD
CONGRESS IN BOSTON?
PLEASE LET US KNOW.

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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 Public Relations Committee.