

Fostering international proteomic initiatives to better understand human disease

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Young-Ki Paik, HUPO President, declared the official launch of the Human Proteome Project on September 23rd, during the Congress.



The Human Proteome Project was officially launched during the course of the congress. (panel: Cathy Costello, Ruedi Aebersold, Amos Bairoch, Mathias Uhlen and Eric Deutsch)



Congress Chairs Ed Nice, Mark Baker and Ian Smith (absent from photo is Marc Wilkins)



Dr Richard Caprioli received the HUPO Distinguished Achievement Award in Proteomic Sciences, sponsored by JPR and ACS Publications.

REPORT ON THE HUPO 9TH ANNUAL WORLD CONGRESS, SYDNEY, 2010

Nearly 1100 participants from 45 countries attended the HUPO 9th Annual World Congress in Sydney, Australia last September. With beautiful Darling Harbour as a back drop, the congress saw the official global launch of the Human Proteome Project on Thursday, September 23rd (see p.4), this in addition to 30 symposia and 9 plenary sessions.

A new aspect of this year's congress was the decision of the organiser to spread the program over four days, and to include talks on HUPO Initiatives as part of the main program. Also new was the Young Guns Symposium where some of the brightest young scientists gave short oral presentations on their latest research. The audience and a panel of judges then voted on who will become '2010 HUPO Proteomics Idol'. A list of winner can be found on www.hupo.org/congress/congress_2010 (column on the right).

This was received with great enthusiasm and will likely be repeated at future HUPO Congresses.

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 22nd with a fantastic dinner cruise around Sydney Harbour, creating wonderful memories for everyone attending.

*Photos by Mark Seabury
(for more, please see the photo gallery on www.hupo.org/congress/congress_2010)*

PRESIDENT'S MESSAGE



Young-Ki Paik
HUPPO President

READY FOR A NEW DECADE FOR HUPPO!

Greetings!

What a splendid success for the HUPPO 9th Annual world Congress in Sydney! Special thanks to Mark Baker and his colleagues who put together one of the friendliest and most productive meetings in recent years. Indeed, this year progress has been made in many areas, and I would like to report on some of these highlights.

Since it was initiated by John Bergeron in November 2008, and after a year-long effort by the working group led by Pierre Legrain and Gil Omenn, the Human Proteome Project (HPP) was launched on September 23rd. I would like to thank both Pierre and his group for their outstanding job, as it is important that solid foundations be laid for HPP and the involvement of the ongoing HUPPO initiatives, with regards to sharing resources. Within the Gene-Centric HPP frame, a chromosome-based HPP group (headed by Young-Ki Paik) has well grown. Teams from different countries including Korea, USA, Sweden, Canada, Russia, Iran, Japan and China are taking on one chromosome each and will collectively define the scope and guidelines for the project for collecting and organizing knowledge on all proteins encoded on these chromosomes. I believe that this will synergistically promote the HPP in a more systematic fashion according to gene number in chromosomes. Launching HPP will also stimulate the fund raising efforts globally and locally. Make sure to regularly visit www.HUPPO.org/research/HPP/soc/ for updates.

For the first time this year, HUPPO elected its new board of directors through an electronic vote. I would like to express my appreciation to Wehbeh Barghachie and the Nomination and Elections Committee for the implementation of the online voting system. In the future, the committee shall look into ways of getting more representation from industry, as well as younger candidates to balance the more experienced council members.

HUPPO now has quite a stable equity and cash flow, and our overall perspectives on the budget are considered to be on target due to a very strong outcome of membership for 2010. We hope that our membership continues to grow.

The HUPPO Executive Committee (EC) has recently established a special task force (headed by Richard Simpson), to investigate all possible measures for HUPPO innovation including the short term financial modeling as well as the long term vision of HUPPO, our relationship with national and regional societies, the role of HUPPO in coordinating scientific activities, and the role of HUPPO Headquarters (HQ) in congress sponsorship and other activities.

As HUPPO gains notoriety, the EC established a Public Relations Committee chaired by Cathy Costello who will be next president of our society. As chair of this committee she will act as HUPPO's spokesperson and will oversee HUPOST and other means of communication under the responsibility of the EC.

I am pleased to report to you that HUPPO has moved its headquarters to McGill University Health Center (MUHC) in May. Thanks to our new host, Dr. Vassili Papadopoulos and his colleagues at MUHC. I also sincerely thank John Bergeron who hosted HUPPO HQ in his facility for the past six years.

The next three HUPPO congresses are now scheduled and all agreements have been signed ahead of time. Therefore the HUPPO congress will be held in Geneva in 2011 (Sept 4-7), Boston in 2012 (Sept 9-13) and Yokohama/Tokyo in 2013 (Sept 14-18). Special thanks to the hosts for organizing these congresses. In particular, I would like to thank our internal/external congress application review committee members who worked hard to evaluate the applications.

We are currently heading toward the 10th anniversary of HUPPO which should be highlighted as a major HUPPO event in 2011. I anticipate that this occasion will coincide with an overhaul of the HUPPO organization. It is worth noting that our 10th anniversary coincides with the International Year of Chemistry.

Finally, I would like to take this opportunity to thank all of the EC members and the HUPPO family for their support these past 2 years. In particular, special thanks go to Pierre Legrain for his outstanding contributions and efforts as Secretary General and to Richard Simpson for his diligence as Treasurer. I also wish to thank Wehbeh Barghachie and Sylvie Ouellette at our Headquarters for their considerable time and dedication to the HUPPO operation. It gives me great pleasure to see Cathy Costello begin her new role as HUPPO President in January. I wish her all the best for her term of office.

Thank you!

ANNOUNCEMENTS

2010 HUPO ELECTIONS - BOARD OF DIRECTORS (TERM 2011-2013)

For the first time in its history, 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



Juan Pablo Albar
Spain



Laura Beretta
USA



Neil Kelleher
USA



Martin Larsen
Denmark



Nicki Packer
Australia



Jean-Charles Sanchez
Switzerland



Tadashi Yamamoto
Japan

Were re-elected: (not pictured)
Richard Simpson, Australia
Helmut Meyer, Germany
Roman Zubarev, Sweden
Catherine Fenselau, USA
Richard D. Smith, USA

NEXT HUPO ANNUAL WORLD CONGRESSES

HUPO is happy to announce that the locations of the 2012 and 2013 Congresses have now been chosen:



The 11th HUPO Annual World Congress will be held in the city of Boston, USA September 9-13, 2012 in coordination with USHUPO.

The congress will be organized by Drs. Mike Snyder, Catherine Fenselau, Bill Hancock and Gil Omenn.

www.HUPO2012.com



The 12th HUPO 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

HUPO 13th Annual World Congress 2014 (Europe/Africa) - OPEN

HUPO is now accepting Expression of Interest from scientific communities interested in hosting HUPO 13th Annual World Congress 2014 in Europe/Africa. Please see www.hupo.org for more details. Deadline is March 1st 2011.

RECENT EVENTS

MEETING OF THE REGIONAL/NATIONAL PROTEOMICS SOCIETIES

Once again representatives from several Regional and National Societies met as part of the HUPO 9th Annual World Congress in Sydney.

This year, of special importance was the creation of a new Regional society, PanAm HUPO, which comprises national societies from the Americas.

Extensive discussions took place regarding the current status of HUPO and its relation with the proteomics societies, as HUPO is actively seeking ways to redefine its mission and its structure.

In particular, the benefits of membership for different national societies were compared and contrasted, with a view to update the benefits package for HUPO members on the international level.



GLOBAL LAUNCH OF THE HUMAN PROTEOME PROJECT

Two sessions featuring the Human Proteome Project (HPP) took place as part of the HUPO 9th Annual World Congress in Sydney, in September 2010.

The first was an open session of the HPP Working Group, held on Sunday, September 19th, which addressed major issues stemming from a draft document that had been circulating among interested parties over the previous two weeks. Part of the session was also devoted to preparing the official HPP launch session planned for Thursday, September 23rd.

This second session consisted of a presentation, followed by a general discussion. That discussion resulted in a general agreement (by show of hands) from the audience that HPP should be launched with the understanding that its first priority should be to define long term (10 years) deliverables and detailed short term (5 years) deliverables and milestones.

The HPP consortium will coordinate initiatives structured by chromosome built for gathering knowledge on proteins. An article presenting the goals, objectives and action plan



Eric Deutsch, Young Ki Paik, Pierre Legrain and Gil Omenn during the global launch of the Human Proteome Project (HPP).

for HPP should be published very soon.

ANNOUNCEMENT: ABRF SURVEY 2011



The ABRF Proteomics Research Group (PRG) hosted its first technical study ten years ago. This year the PRG invites proteomics researchers to participate in their first ever survey, designed to provide the community and the labs that with insight into several key areas.

- How labs interact with their clients
- The capacity of labs to meet the demands of their clients
- The blend of experimental techniques offered to and requested by clients

To access the PRG2011 Survey please use the following link:

www.surveymonkey.com/s/PRG2011_Survey

RECENT EVENTS (CONT'D)

SPANISH PROTEOMICS SOCIETY (SEProt)

On February 11th and 12th the University of Córdoba hosted the II Proteomics Workshop for Young Scientists, organized by the Spanish Proteomics Society (SEProt). In this meeting 199 Spanish scientists joined together to discuss both scientific and methodological aspects related with proteomics. An overall of 88 communications were presented, that were distributed among the following scientific sessions: Bioinformatics (7), Biomarkers and Human Pathologies (23), Postranslational Modifications (PTM) (13), Quantitative Proteomics (8), Microbial and Parasitic Proteomics (23), and Plant and Animal Proteomics (14). Sessions were highly dynamic and participative; recent progress and limitations of proteomics investigations in the different topics were discussed on a free format based configuration, at the election of the chair(s). All communications presented were published in a special issue of the Journal of the SEProt, *Proteómica* N° 5, which was made available for the attendants before the meeting.

The outcome of this workshop and the discussions and conclusions reached will also be published in the next issue of *Proteómica* (N° 6). The general opinion of the participants was that this Workshop was very successful as a forum for young (and not-so-young) proteomics researchers to communicate and discuss technical and scientific aspects



The 4th Congress of SEProt will be held next February in beautiful Segovia, Spain (please see details on our Calendar of Events)

of their research, and to boost potential collaborations between different groups.

We will meet again in the III Workshop, which will be held in Santiago de Compostela in 2012.

Meanwhile, we look forward to the 4th edition of the SEProt congress that will take place next February in Segovia (<http://www.seprot2011.es>). We would be delighted by welcoming you all in the breathtaking scenario of the very ancient city of Segovia to discuss new ideas in proteomics.



GATHERING OF THE US HUPO BOARD MEMBERS AT THE SYDNEY CONGRESS

Richard Smith, Joseph Loo, Dan Chan, Michael Snyder, Cathy Costello, Gil Omenn, Ralph Bradshaw and Richard Caprioli.

EDUCATION AND TRAINING

EMBO practical course: Mass Spectrometry and Proteomics

Date: April 6-13, 2011

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

Course organizer: Ole Nørregaard Jensen and Karin Hjernø

Contact: Karin Hjernø at hjernoe@bmb.sdu.dk or +4565502412

For more information please see: <http://cwp.embo.org/pc11-04>

Bioinformatics in Mass Spectrometry Based Proteome Analysis

Date: June 14-16, 2011

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

Course organizer: Ole Nørregaard Jensen and Karin Hjernø

Contact: Karin Hjernø at hjernoe@bmb.sdu.dk or +4565502412

Or please see www.hupo.org/educational/courses for more details.

HUPO 2011
10TH WORLD CONGRESS
4-7 SEPTEMBER 2011

Geneva

WWW.HUPO2011.COM

Save
the Date



Human Proteome Organisation

CONGRESS CO-CHAIRS

Jean-Charles Sanchez

Department of Human Protein Sciences
Geneva University, Switzerland

Denis Hochstrasser

Department of Genetics and
Laboratory Medicine & Department
of Human Protein Sciences Geneva
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Switzerland

Luca Bini

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Siena University, Italy

Chairmen of HUPO Education Day, HUPO Clinical Day, EupA Day, HUPO & EUPA Awards and HUPO & EUPA Initiatives

- Clinical Day Chairs:
Pierre Burkhard & Daniel Chan
- Education Day Chairs:
Thierry Rabilloud & Peter James
- EUPA Day Chairs:
Jesus Jorrin & Jean-Jacques Diaz
- HUPO & EUPA Awards Chairs:
Concha Gil & Maxey Chung
- HUPO & EUPA Initiatives Chairs:
Juan-Pablo Albar & Gil Omenn

SCIENTIFIC SESSIONS

1. Infectious Diseases
2. Organellar Proteomics
3. MS Quantitation
4. Oncology
5. Post-Translational Modifications
6. Protein Arrays
7. Central Nervous System
8. Membrane Proteins
9. Data and Knowledge
10. Metabolic Disorders
11. Functional Proteomics
12. Biomarker Discovery
13. Cardiovascular and Atherosclerosis
14. Pharmaco-toxicology
15. Imaging

IMPORTANT DATES AND DEADLINES

Online registration open:

1 January 2011

Abstract submission open:

1 December, 2010

Abstract submission closing:

16 March, 2011

Notification of acceptance/rejection of abstracts:

15 May, 2011

Late Breaking Abstracts:

15 May 2011

Early bird registration:

16 May 2011

Accommodation reservation:

30 June, 2011

HUPO 2011:

4 - 7 September, 2011

UPCOMING EVENTS

DECEMBER

SPS First PhD Students' Symposium
December 01-02, 2010
Biozentrum, Basel
www.swissproteomicsociety.org/symposium/2010.html



6th annual symposium of The Danish Proteomics Society
"Spatio-Temporal Proteomics"
Tuesday Dec. 7, 2010
University of Southern Denmark
www.DAPSOC.org

6th Norwegian Proteomics Conference
9-10 December 2010
Trondheim, Norway
www.npf.uib.no

JANUARY

SPS Satellite Symposium on Mass Spectrometry
January 27 and 28, 2011
University of Zurich, Switzerland
www.usgeb2011.ch/index.html



FEBRUARY

4th Congress of the Spanish Proteomics Society
"New Trends in Proteomics"
February 8-11, 2011
Segovia, Spain
www.seprot2011.es



MARCH

US HUPO 7th Annual Conference
"PROTEOMICS:
New Developments and Grand Challenges"
March 20 - 23, 2011
Raleigh, North Carolina, USA
www.ushupo.org



KHUPO 11th International Proteomics Conference
March 31-April 1, 2011
Busan, Korea



APRIL

German Proteomic Forum 2011
April 3-7, 2011
Freie Universität Berlin
www.ctw-congress.de/ProteomicForum2011



PSI spring meeting
April 11-13, 2011
Advanced Training Center
EMBL, Heidelberg, Germany
www.psidev.info



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Centre universitaire de santé McGill
McGill University Health Centre



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HUPO INDUSTRIAL ADVISORY BOARD (2010)



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

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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.