

Fostering international proteomic initiatives to better understand human disease



Human Proteome Organisation

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## HUPO World Congress 2007 in Seoul, Korea. October 6<sup>th</sup>-10<sup>th</sup>.

Intense preparations are underway from HUPO HQ, HUPO meeting committee, and the local Congress organization committee at KHUPO to support the HUPO World Congress 2007 in Seoul, Korea. Young-Ki Paik, Richard Simpson, and Young Mok Park are co-chairs of this Congress. For more information on this congress, see page 5 and at [www.HUPO.org](http://www.HUPO.org).

## MESSAGE FROM THE PRESIDENT



**Rolf Apweiler**

Welcome to the first issue of HUPOST 2007. The new executive committee has met several times this year; we envision growing membership, building partnerships, and developing initiatives as critical activities to promote our missions in advancing proteomics. John Bergeron is working with the Initiative Chairs and has taken key steps; Catherine Fenselau is leading our membership efforts; the Finance Committee, led by Richard Simpson, is working to establish financial stability of HUPO. You will read more about HUPO industrial advisory board led by Jan van Oostrum, and our efforts in preparing the Seoul Congress led by Young-Ki Paik, in this issue of HUPOST.

In the past six years, HUPO has grown because of your hard work; I view your contributions as essential to our future success; we are counting on your continued support and dedication to advance HUPO. We would also like to gain your input regarding future goals of HUPO, as well as strategies to accomplish these goals. Please send your input to our new Secretary General, Peipei Ping ([peipeiping@earthlink.net](mailto:peipeiping@earthlink.net)).

Our sincere appreciations go to the Co-chairs of HUPO 2006 World Congress at Long Beach, which is an extraordinary success for HUPO. John Yates and Peipei Ping contributed substantial efforts and commitment to make this HUPO congress a grand success. Thanks to all our council members, colleagues, sponsors, and partners for your contributions. I anticipate HUPO will see more success in this fashion. Please join us for HUPO World Congress 2007 at Seoul, Korea, a future great success of HUPO to come.

## HUPO INITIATIVES MEETING IN BARBADOS

The HUPO Initiative Committee organized its first meeting in Barbados in January 2007. John Bergeron and Laura Beretta co-chaired the meeting. The meeting was enthusiastically attended by six HUPO initiative chairs and representatives including Peter Liu, chair of HUPO Cardiovascular Proteomics Initiative, Gil Omenn, chair of HPPP, Naoyuki Taniguchi, chair of HUPO Human Disease Glycoproteomics Initiative, Laura Beretta, chair of HLPP, and John Bergeron, chair of protein sample standards committee and HUPO initiative committee.



Also attending were editors from Molecular Cellular Proteomics (Ralph Bradshaw) and Nature Methods (Veronique Kiermer). The meeting saw vibrant discussions from the various initiative chairs and a document on the future of HUPO Initiatives was drafted and entitled "The Barbados Principles" (to be in print soon).

The next initiative committee meeting at Barbados is scheduled for January 4-11, 2008; all attendees are warmly welcome. For additional information please contact Sylvie Ouellette ([sylvie.ouellette@mcgill.ca](mailto:sylvie.ouellette@mcgill.ca)) at HUPO HQ.



**Seven new members have joined the HUPO Council since January 1st 2007.**

**The HUPO Industrial Advisory Board (IAB) has recently been set up. See details on p.2**

**Announcement on 2007 HUPO Awards and Nominations; 2006 Award Winners on p.4**

## HUPO INDUSTRIAL ADVISORY BOARD



**Jan van Oostrum**

At the HUPO World Congress in Long Beach, HUPO announced the establishment of HUPO Industrial Advisory Board (IAB) and the champion of this project, Dr. Jan Van Oostrum (Novartis), was invited by HUPO to be the inaugurating chairman of HUPO IAB.

We asked Jan to share with us his vision on IAB; here is what Jan told us: "HUPO created the Industrial Advisory Board (IAB) to facilitate more substantial ways for industry partners to support the proteomics community and to have a high visibility as HUPO affiliates. An additional, and equally important, factor was the ongoing changes in the scientific proteomics environment that made it necessary for HUPO to find productive ways for industry to support HUPOs activities in developing the leading technologies and standards required for the field of proteomics to move forward." The HUPO Industrial Advisory Board is a vehicle for proteomics industry partners to support HUPO in a very visible way. This mutually beneficial partnership supports the organizational goals of both HUPO and its industry allies.

If you are interested in additional information on HUPO IAB, please contact Dr. Jan Van Oostrum directly ([jan.van\\_oostrum@novartis.com](mailto:jan.van_oostrum@novartis.com)) or contact Ms. Sylvie Ouellette ([Sylvie.ouellette@mcgill.ca](mailto:Sylvie.ouellette@mcgill.ca)) at HUPO HQ.

## LONG BEACH CONGRESS UPDATE

### ELITE SPONSOR

GE Healthcare



HUPO World Congress 2006, *Bench to Bedside*, captured the excitement within the proteomics community over current developments and the anticipation of applying these developments to fundamental and clinical questions. This was best reflected in the organizers' intention that the Long Beach meeting was not going to be "just another mass spectrometry meeting". Vertical integration of the program captured the breadth of developments in the fast moving proteomics field and illustrated the power of current technologies to better understand both basic biological functions and the pathogenesis to disease phenotypes. The opening keynote address by Dr. Anna Barker from NCI highlighted the congress theme on translating proteomic technologies to advance medicine and to benefit society.

The breadth of research featured in this congress is best illustrated by several keynote lectures. Mike Tyers encapsulated the breadth of modern technologies applied to the protein interactome and Donald Hunt described new developments in mass spectrometry technologies that can be used to better understand regulation of transcription. The meeting stimulated vibrant discussions regarding the future directions of proteomic sciences. Emerging approaches parallel mass spectrometry such as antibody based arrays, large scale

### PREMIER SPONSORS

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**MCP** sponsored and printed the abstract book for HUPO World Congress 2006 at Long Beach. Congress Poster Awards and Young Investigator Awards were sponsored by CODA Genomics (California, USA)

characterization of protein structures, nano technology, and high resolution imaging were among the hot topics.

The over 1000 abstracts presented showcased the tremendous contributions of proteomic sciences to advance biology and medicine. Additional news-worthy papers include the release of the second version of the Human Protein Atlas by a Swedish team led by Mathias Uhlen and the well developed Proteomics Standard Initiatives (PSI) led by Rolf Apweiler at EMBL-EBI. At the technology front, The HUPO Technology Committee led by John Yates focused on the effort in the scientific community by an emphasis on standardization with a new Initiative on Protein Test Samples. At the education front, Education committee led by Angelika Gorg continuous to enhance public awareness on the social benefits of proteomic sciences, promotes the careers of young scientists in the community and is committed to place education and training as its key focus areas. To further promote interactions of academia, institutions and industry, HUPO created IAB (see above).

There are obvious challenges ahead, yet, the enthusiastic participations from investigators of academic institutions, federal funding agencies (e.g., NIH and EU), and industrial partners as evidenced in the congress, clearly demonstrate a consensus in the proteomic community that joint efforts are the key to success.

## NEW COUNCIL MEMBERS FOR 2007

At its last meeting, held in conjunction with the Long Beach Congress, the HUPO Council voted to elect seven new members. Several members were also re-elected to serve another 3-year term. Congratulations to all !!!



**Laura Beretta**  
Fred Hutchison Cancer  
Research Center  
Seattle, USA



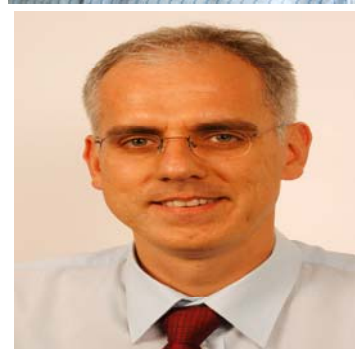
**Bill Jordan**  
Victoria University  
Wellington, New  
Zealand



**Steve Carr**  
Professor and Director  
The Broad Institute  
Cambridge, USA



**Peter Liu**  
CIHR, Institute of  
Circulatory and  
Respiratory Health  
Toronto, Canada



**Hubert Hondermarck**  
University of Sciences  
and Technologies  
Lille, France



**Visith  
Thongboonkerd**  
Siriraj Hospital,  
Mahidol University  
Bangkok, Thailand

**Also Elected : Terence C.W. Poon** - The Chinese University of Hong Kong

### **Congratulations to the following council members whom were re-elected:**

**Alexander Archakov** - Institute of Biomedical Chemistry RAMS, Russia

**Mario Hugo Genero** - Universidad Austral, Argentina

**Denis Hochstrasser** - Hospital Cantonal Universitaire de Geneve, Switzerland

**Pierre Legrain** - DSV/DBJC, France

**Friedrich Lottspeich** - Max-Planck-Institut fur Biochemie, Germany

**Jose Maria Mato** - CIC Biogune, Spain

**Kazuyuki Nakamura** - Yamaguchi University School of Medicine, Japan

**Jan van Oostrum** - Novartis Pharma AG, Switzerland

**Young Mok Park** - Korea Basic Research Institute

**Ravi Sirdeshmuk** - Centre for Cell and Molecular Biology, Hyderabad, India

**Naoyuki Taniguchi** - Osaka University, Japan

**Mathias Uhlen** - AlbaNova University Center, Sweden

**Andrew H. -J. Wang** - Academia Sinica, China



## HUPO 2006 AWARD WINNERS CONGRATUATIONS !



**Professor  
Donald Hunt**

*HUPO Distinguished  
Achievement Award in  
Proteomic Sciences*



**Professor  
Catherine Fenselau**

*HUPO Distinguished  
Service Award*



**Professor  
Mathias Uhlen**

*HUPO Distinguished  
Achievement Award in  
Proteomic Sciences*

We are in the process to recruit sponsorship and endowment for these HUPO Awards; If you are interested to sponsor HUPO Awards or to sponsor HUPO Named Lectureships at future HUPO conferences and would like to obtain sponsorship details, please contact either HUPO Awards Committee, Dr. Peipei Ping at [peipeiping@earthlink.net](mailto:peipeiping@earthlink.net) or Dr. John Yates at [jjates@scripps.edu](mailto:jjates@scripps.edu).

### **Announcement from the HUPO Awards Committee Inviting Nominations for HUPO 2007 Awards**

HUPO Awards Committee Invites Nomination for HUPO Awards 2007.

**HUPO Distinguished Achievement Award in Proteomic Sciences**  
**HUPO Distinguished Service Award**  
**HUPO Young Investigator Award**

Nominations for HUPO Distinguished Achievement Award in Proteomic Sciences and HUPO Distinguished Service Award must be received by **April 15th, 2007**. Please contact HUPO Awards Committee, Dr. Pierre Legrain (chair elect of Award Committee, at [Pierre.LEGRAIN@cea.fr](mailto:Pierre.LEGRAIN@cea.fr)) or Dr. Peipei Ping (chair of Award Committee, at [peipeiping@earthlink.net](mailto:peipeiping@earthlink.net)) for details.

All applications for HUPO Young Investigator Award must be received by **July 15th, 2007**; please contact HUPO Awards Committee, Dr. John Yates for details ([jjates@scripps.edu](mailto:jjates@scripps.edu)).

## UPCOMING EVENTS

**MARCH**

USHUPO Third Annual Conference: "From Genes to Function"  
March 5<sup>th</sup> to 8<sup>th</sup>, 2007  
Seattle, USA

KHUPO 7th Annual International Proteomics  
Conference  
March 29th-30th, 2007



**APRIL**

HUPO PSI Spring Meeting  
April 23<sup>rd</sup> to 25<sup>th</sup>, 2007  
Lyon, France



**JUNE**

LAHUPO First Annual  
IberoAmerican Proteomics Congress  
June 27<sup>th</sup>-30<sup>th</sup>, 2007  
Buenos Aires, Argentina



**JULY**

5th JHUPO Conference  
July 30<sup>th</sup>-31<sup>st</sup>, 2007  
Tokyo, Japan



**AUGUST**

China HUPO 5th Annual Conference  
August 20<sup>th</sup>-22<sup>nd</sup>, 2007  
Guangzhou City, Guangdong Province,



**SEPTEMBER**

German Proteomic Forum  
International Meeting on Proteome  
Analysis  
September 2nd-5th, 2007



**OCTOBER**

6th Annual World Congress  
October 6th to 10th, 2007  
Seoul, Korea

Congress Co-Chairs



Young-Ki Paik



Richard Simpson



Young Mok Park

**HUPO 6<sup>th</sup> ANNUAL WORLD CONGRESS, SEOUL 2007** **HUPO**  
Oct. 6<sup>th</sup> to Oct. 10<sup>th</sup>, 2007 | COEX, Seoul, Korea

*Proteomics: From Technology Development  
to Biomarker Applications*

Co-Sponsored by HUPO, AOHUPO and KHUPO

## HUPO WORKSHOPS AND COURSES

### Bioinformatics in Mass Spectrometry Based Proteomics

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

**Organizer** Ole Nørregaard Jensen

June 19-21, 2007

Details: [http://www.hupo.org/educational/courses/details.asp?course\\_id=mspcp\\_01](http://www.hupo.org/educational/courses/details.asp?course_id=mspcp_01)  
Registration deadline: April 1 2007

## HUPO ACKNOWLEDGES THE GENEROUS SUPPORT OF ITS PARTNERS



Canadian Institutes of Health Research  
Institute of Genetics



Canadian Institutes of Health Research  
Institute of Neurosciences, Mental Health and Addiction



Instituts de recherche en santé du Canada  
Institut de la nutrition, du métabolisme et du diabète



Canadian Institutes of Health Research  
Institute of Nutrition, Metabolism and Diabetes  
Institut des maladies infectieuses et immunitaires  
Institute of Infection and Immunity

## HUPO'S INDUSTRIAL PARTNERS



ELITE SPONSOR OF HUPO INITIATIVES



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[www.hupo.org](http://www.hupo.org)

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### YOUR CONTRIBUTIONS ARE WELCOME

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

If you wish to contribute news, notices of events, information on your science, your local proteomic organizations, or any other item, please feel free to contact the publications committee at [peipeiping@earthlink.net](mailto:peipeiping@earthlink.net).

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