

Fostering international proteomic initiatives to better understand human disease

INAUGURATION OF HUPO INTERNATIONAL HEADQUARTERS

October 18th, 2005, marked the official opening of the HUPO Headquarters in Montreal.

In the presence of Executive Committee members Sam Hanash, Young-Ki Paik and Jan van Oostrum, HUPO President John Bergeron welcomed Montreal dignitaries and guests, and paid tribute to the Headquarters founding partners, Montreal International, Genome Quebec and McGill University.



HUPO's Young Ki Paik, Jan Van Oostrum and John Bergeron (centre) joined Montreal dignitaries for the ribbon-cutting ceremony

Presentations were made to the public about HUPO, its mission, and its key role in the proteomics community.

Guided tours of the Genome Quebec proteomics platforms were also offered to guests and media representatives.

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With over 2000 delegates from 69 countries in attendance, HUPO's 4th Annual World Congress in Munich proved to be a rousing success.

The Congress included 1050 posters and oral presentations of abstracts, 59 exhibitors, and more than 300 lectures that covered the latest scientific and technical breakthroughs in the field of proteomics.

REPORT ON THE 2005 CONGRESS

Highlights of this Congress included the newly launched, publicly available, Protein Atlas, as well as lectures by Nobel Prize winner Dr John Fenn and Co-inventor of MALDI Mass Spectrometry Dr. Franz Hillenkamp.

The Genome Technology Conference Survey has recently ranked HUPO's Annual World Congresses among the top 5 specialized scientific meetings.



2005 Congress co-chairs Angelika Gorg and Matthias Mann

REPORT ON INITIATIVES ROUNDTABLE IN BEIJING OCTOBER 30-31 2005

In conjunction with the opening of the Beijing Proteome Research Center at the end of October, 20 chairs and co-chairs of HUPO initiatives were assembled for a two-day roundtable meeting.

Several presentations were made, highlighting the current status of already existing initiatives.

Fruitful discussions also resulted in several resolutions to be presented to the HUPO Executive

Committee for ratification.

Among these was the addition of five new projects to be grouped under the Disease Biomarkers Initiative (cancer, CNS, kidney, cardiovascular, bioinformatics). The change of change in leadership for already existing initiatives was also discussed.

More details will follow in the next newsletters, which will all feature an article on a particular initiative each month. We also invite you to visit our website for updates.



DR NAOYUKI TANIGUCHI RECEIVES TOP HONOURS

HUPO is very pleased to announce that on November 16, 2005, the chair of the Glycomics in Disease Scientific Initiative, Dr. Naoyuki Taniguchi, receive the Medal with Purple Ribbon from the Emperor of Japan. He was one of six scientists to be recognized for their contribution to the field of science.

This medal is awarded by the Japanese Government twice a year (March and November) to individuals who have contributed to academic and artistic developments, improvements and accomplishments.

In addition, Dr. Taniguchi's expertise in the



Accompanied by his wife, Dr. Taniguchi (right) received his Award from Mr. Kenji Kosaka, Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT).

field of proteomics and glycomics was also recognized by the Seikagaku Kogyo; this company sponsored an endowed professorship for Dr. Taniguchi that will fund his work in Glycomics for the next three to five years.

2007 CONGRESS IN PREPARATION

On a recent visit to Korea, HUPO President John Bergeron met with Mr. Geun Tae Kim, Minister of Health and Welfare and Dr. Kyeong-ho Lee, President of the Korea Health Industry Development Institute.

The purpose of this meeting was to discuss possible Korean government's support for the 2007 Seoul HUPO congress.



HUPO President John Bergeron with Secretary General Young-Ki Paik (left) and Ho Jeong Kwon (Secretary General for HUPO Congress in 2007—right).

BEIJING PROTEOME RESEARCH CENTER INAUGURATED IN OCTOBER

HUPO Council member and head of the Human Liver Proteome Project (HLPP) Fuchu He was the host at the opening of the Beijing Proteome Research Center on October 29th, 2005.

Several HUPO council members, as well as Nobel Prize winner Dr Lee Hartwell were in attendance for this occasion.

Located in the Zhong-guancun Life Sciences

Park, the Center runs eight technical platforms, in collaboration with partners such as the Chinese Academy of Sciences, Tsinghua University, Peking University, Beijing Pharma and Biotech Center, the JZJT Group, the Chinese Academy of Medical Sciences and the Academy of Military Medical Sciences.

The Center is also set to become the executive headquarters of the HLPP.



MESSAGE FROM THE PRESIDENT



Dear HUPO Members:

This is a very exciting time at HUPO. After almost four years of managing the organisation on a voluntary basis, HUPO Council last year decided to establish a full-time headquarters. With the financial support of Montreal International, Genome Quebec, and McGill University, HUPO now has a full-time headquarters consisting of five staff members that will implement the mandate set out by HUPO Council.

I am thrilled to relay that HUPO's Annual World Congresses were recently rated among the top five specialized scientific meetings by the Genome Technology Conference Survey. The 4th Annual World Con-

gress organized by Drs. Gorg and Mann, in August, 2005 in Munich, Germany was a huge success and was attended by over 2000 people. Next year's Congress in Long Beach, California, U.S.A. will no doubt surpass 2500 attendees.

Since the Congress in Munich, there have been several high-profile articles about HUPO and its members. One article in **Science** highlights the work of Dr. Mathias Uhlen on the Protein Atlas; this article is a "must read" for all of us. I also encourage everyone to read the recent **Nature** Editorial (Vol 437- Issue no. 7056 - 8 September 2005) entitled "Proteomics' new order" in which the importance of HUPO as an or-

ganization and HUPO HQ as a way to facilitate the establishment of this new field was highlighted. This editorial also charged HUPO with developing the necessary proteomic-related standards as well as disseminating this information via its training and education activities.

Finally, I would like to thank NonLinear Dynamics and the HUPO Headquarter Staff for their hard work on revamping HUPO's website. If you have not done so already, I invite you to visit www.hupo.org.

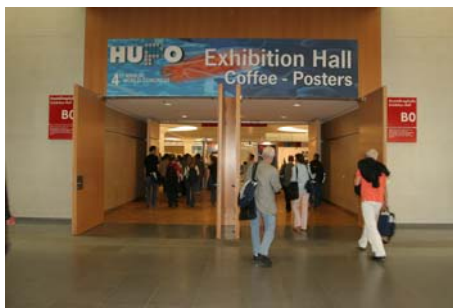
Best wishes,

John Bergeron

PHOTOS FROM THE 2005 CONGRESS



Over 2000 participants from 69 countries attended the 2005 Congress. From 1300 abstracts submitted, more than 1050 were presented as a oral or as part of the poster sessions.



With over 50 kiosks, the Exhibit Hall was also the site of the Opening Reception



The pre-congress initiatives sessions (left) were attended by over 500 people), whereas more than 1700 people joined the plenary sessions (right) of the Congress.



Professors John R. Yates and Ruedi Aebersold both received the HUPRO Distinguished Achievement Awards in Proteomics from Dr Kenneth Miller of Thermo Electron, sponsor of the Awards. Professor Sam Hanash (absent for the ceremony) received the HUPRO Distinguished Service Award.

CONTRIBUTIONS WELCOME

The HUPRO 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 HUPRO Headquarters, using the link on the www.hupo.org website.

Any material submitted will be subject to approval by the HUPRO Executive Committee.

ADVERTISING AND SPONSORSHIP OPPORTUNITIES

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

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INITIATIVES CRITERIA

The [Criteria for New Initiatives](#) were approved at the Munich Executive Council Meeting in August, 2005. We encourage researchers to familiarize themselves with the Criteria and to submit proposals to HUPO Headquarters (admin.hupo@mcgill.ca) for evaluation by the Executive Committee.

EVENTS CALENDAR

- HUPO BPP Workshop - February 15-16, 2006 [\[details\]](#)
- US HUPO 2006 Second Annual Symposium – March 12-15, 2006 [\[details\]](#)
- The first workshop of "HUPO Biomarker Cardiovascular Initiative" will be held in conjunction with USHUPO annual conference in Boston on March 11, 2006
- Microarray Congress, March 25-26, 2006 [\[details\]](#)
- Joint PSI and Publications Committee Meeting, April 21-23, 2006
- 5th Annual World Congress October 28th to November 1st, 2006 [\[details\]](#)



Human Proteome Organisation

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JOB POSTING: SCIENTIFIC PROJECT MANAGER

HUPO is engaged in a number of scientific initiatives in the field of proteomics that bring together scientists and institutions from all over the world to address issues and engage in projects that are important to the field.

To ensure coordination of these projects and to ease communication throughout, HUPO is looking for a Scientific Project Manager, to work from its Montreal, Canada headquarters.

In this key role, the Scientific Project Manager will work closely with the Chair of the HUPO Ini-

tiatives Committee, HUPO initiative chairs/co-chairs and HUPO's Executive Committee and HUPO headquarters staff to coordinate all efforts internally, among HUPO core and affiliated initiatives/projects throughout the world and externally with other Proteomic communities, funding agencies and industry leaders.

For more information about this job opening, please see

[Scientific Project Manager](#) on the [HUPO website](#).

HUPO ACKNOWLEDGES THE GENEROUS SUPPORT OF ITS PARTNERS

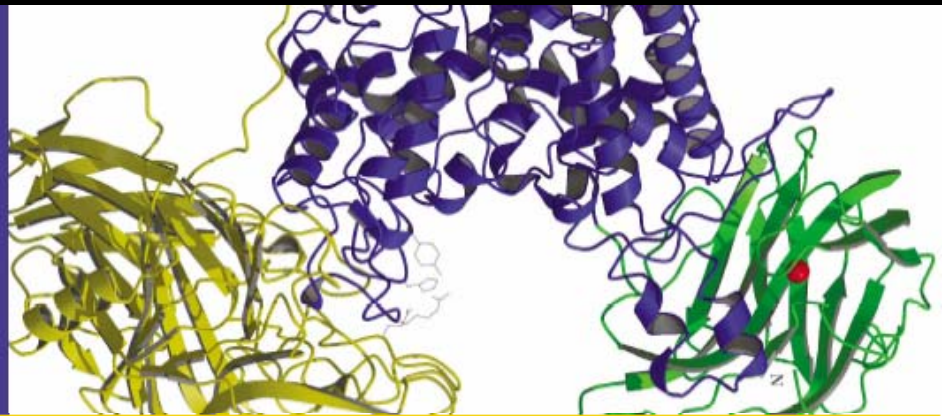


HUPO

Human Proteome Organisation

Long Beach Convention Center,
California, USA

Saturday October 28th through
Wednesday November 1st, 2006



HUPO 5TH ANNUAL WORLD CONGRESS, LONG BEACH 2006

TRANSLATING PROTEOMICS FROM BENCH TO BEDSIDE

MARK YOUR CALENDAR!!

Abstract submission deadline: 15 July 2006

REGISTRATION OPENS IN JANUARY 2006

CO-SPONSORED BY HUPO & USHUPO

WELCOME INVITATION FROM THE CONGRESS CO-CHAIRS:

Dear Colleagues,



Professor Peipei Ping, Congress Co-Chair



Professor John Yates, Congress Co-Chair

On behalf of the HUPO Congress Organization Committee, and US HUPO, we would like to extend our warm invitation to you to attend The HUPO 5th Annual World Congress to be held in Long Beach, USA. In view of the rapid development of various proteomic tools and approaches, we have formulated the Scientific Program to place a central focus on the translation of our knowledge basis gained via proteomic approaches to applications in the clinical arena. Accordingly, the Chairs of the Scientific Program Committee have determined that this Congress will be entitled "Translating Proteomics from Bench to Bedside".

This exciting Scientific Program from October 28th-November 1st, 2006 will start with two days of pre-Congress Education Programs and Workshops on major HUPO Initiatives. Importantly, a HUPO Clinical Day will be established on Sunday, October 29th, 2006 to facilitate the integration of clinical-based applications with those investigations in technology development. We envision this HUPO World Congress to provide outstanding opportunities to showcase the remarkable progress of major HUPO Initiatives, to exhibit the exciting advances made by HUPO members, to promote world-wide scientific collaboration, and to cultivate a new generation of scientists in the emerging discipline of proteomic sciences.

In addition, the Congress anticipates a world-class exhibition from our industrial partners in proteomics as well as leading vendors in clinical diagnosis, therapeutics, and pharmaceuticals on their new products, novel technologies, and new prognostic and diagnostic tools.

The Congress Organization Committee has selected the Long Beach Convention Center to host HUPO's 5th World Congress. Southern California - in particular, the city of Long Beach and its surroundings - has beach front communities that offer a plethora of art galleries, shopping, dining, water sporting, and entertainment options. In addition, there is a collection of beautifully manicured suburbs and picturesque beach towns in the close vicinity, including Anaheim (home of Disneyland), Laguna Beach, Newport Beach and Dana Point.

We are confident that you will enjoy the vibrant Scientific Program of this upcoming HUPO World Congress. We look forward to welcoming you to beautiful Southern California in October 2006.