

Fostering international proteomic initiatives to better understand human disease

NEWS ON MEMBERSHIP

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HOW TO BECOME A HUPO MEMBER:

Starting mid-March, anyone wishing to become a member of HUPO will be able to do so on our website, www.hupo.org.

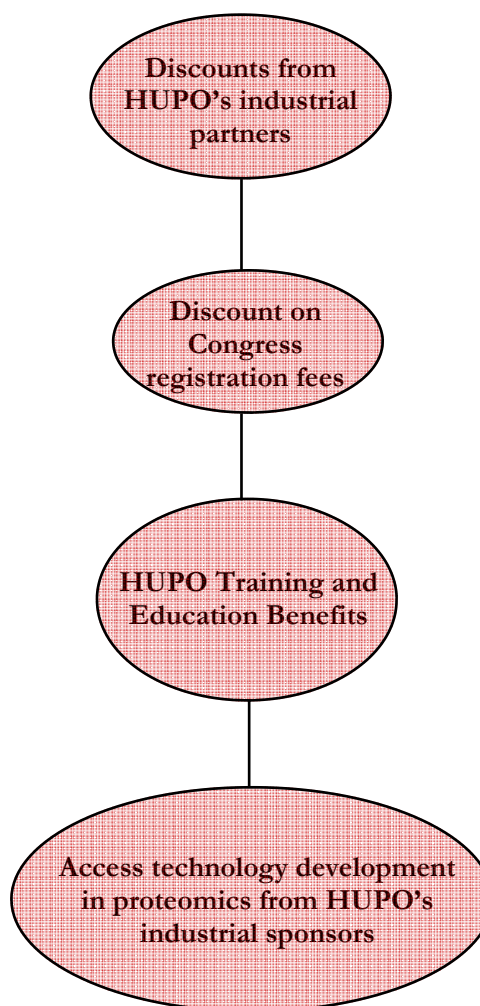
Attention all HUPO Founding members: your membership will expire on March 31, 2006. Please be on the look out for an email that will be sent out when the membership drive begins.

For the 2006-2007 year, the cost of individual membership will be USD\$50 however post-doctoral fellows will benefit from a substantial reduction and students will enjoy free membership.

All members will have priority registration for the Education and Training programs, as well as discounts on registration for selected programs and access to fellowships and subsidies.

As always, all members will receive HUPOST, the newsletter highlighting all HUPO news and activities.

Membership benefits include:



Queries regarding membership should be directed to HUPO HQ:

<http://www.hupo.org/contact.asp>

MESSAGE FROM THE PRESIDENT



Dear HUPRO Members,

February was a busy month for HUPRO and the upcoming months will be even more so.

Preparations for the upcoming 5th Annual World Congress in Long Beach, California are well underway. Registration for the Congress will begin in March. We anticipate that there will be more than 3500 delegates from over 70 countries this year. The HUPRO Headquarters is presently working with ten National and Regional Proteomic Societies to assist them with travel award applications.

For our founding members who attended last year's Congress in Munich, I would like

to encourage all of you to renew your membership as soon as possible. Details about membership can be found in this edition of the HUPOST as well as at www.hupo.org.

As elaborated on in the February edition, HUPRO's Education and Training Committee has scheduled several events throughout 2006. Please visit our webpage, <http://www.hupo.org/educational/> to find out details about the programs and to register. I recommend that you visit this page periodically because new programs will be coming on line.

HUPRO's Executive Council

has also begun discussions with several companies in order to garner their assistance for HUPRO's standards efforts. Details on HUPRO's standards activities can be found in this edition of the HUPOST.

On a final note, I would like to personally acknowledge the strong support that the HUPRO Headquarters has received from the following Canadian Institutes of Health Research: The Institute of Genetics; the Institute of Neurosciences, Mental Health and Addiction; The Institute of Nutrition, Metabolism and Diabetes; The Institute of Infection and Immunity.

HUPRO STANDARDS

HUPRO Standards Effort Begins



The massive amounts and complexity of proteomics data defines a need for standardization.

Requests for developing standards in the field of proteomics have been echoed by journals, proteomic researchers, and industry interested in this field for quite some time. A Nature editorial September 8, 2005 (2005, 437: 169-170) indicated that HUPRO would be required to set and maintain standards in the field of proteomics. Further, the editorial stated that these standards would need to be disseminated and implemented by HUPRO's Education and Training programs.

Towards this goal, HUPRO Initiatives and Committees such as the Proteomics Standards Initiative, the Publication Committee, Education and Training Committee, and Initiatives Committee, as well as National Proteomic Organizations, such as US

HUPRO have begun to focus on standards.

The ongoing efforts of the Proteomics Standards Initiative chaired by Rolf Apweiler and Ruedi Aebersold have led to the development of standards for data generation and presentation, including standardized formats for databases for proteomics.

HUPRO's Publications Committee, chaired by Peipei Ping, has already begun dialoging with all journals to coordinate their publication standards with HUPRO's standards.

HUPRO's Education and Training programs at the University of Southern Denmark and at the University of Colorado Health Science Center will also support these efforts.

US HUPRO is also playing a seminal role in the standardization effort. At its upcoming Congress March 12th-15th in Boston, there is a workshop schedule on March 12th entitled

"Measurement Challenges in Proteomics." These session, supported by the National Institute of Standards and Technology (NIST), has as its goal to survey (identify and prioritize) measurement needs that address the technical infrastructure and hurdles (measurement science, standards, and data) in the field of proteomics.

At the October, 2005 HUPRO Initiatives meeting in Beijing, it was agreed that HUPRO would put together a set of test mixtures with a view to determine specificity and sensitivity and send it to participating labs.

The last sentence from the Nature editorial deserves to be quoted, "At the end of the day, proteins, not genes, are the business end of biology."

HUPRO will meet the challenge to develop and implement the necessary standards in order to facilitate data comparison, exchange, and verification.

HUPO INITIATIVE CHAIRS

Initiatives	Chair Co-chairs	Term
Disease Biomarker Initiatives (DBI)	Chair: Sam Hanash	06/01/2004-12/31/2006
- Cancer	Chair: Jan Schnitzer	01/01/2006-12/31/2007
- CNS	Chair: Biao Chen Co-chair: Allen Tobin	01/01/2006-12/31/2007
- Kidney	Chair: Tadashi Yamamoto Co-chairs: Mark Knepper Pierre Ronco Robyn Langham	01/01/2006-12/31/2007
- Bioinformatics	Chair: Martin McIntosh Co-chair: Leonard Martens	01/01/2006-12/31/2007
- Cardiovascular	Chair: Peipei Ping Co-chairs: Peter Liu Mike Dunn	01/01/2006-12/31/2007
HPPP (Plasma)	Chair: Gil Omenn Co-chairs: Matthias Mann Young Ki Paik	11/01/2005-12/31/2006
HAI (Antibody)	Chair: Mathias Uhlen	11/01/2004-12/31/2006
HLPP (Liver)	Chair: Laura Beretta Co-chairs: Fuchu He Christian Brechot	11/01/2005-12/31/2007
HMMD (Mouse models)	Chair: John Bergeron Co-chair: Tommy Nilssen	11/01/2003-12/31/2006
HGPI (Glycomics)	Chair: Naoyuki Taniguchi Co-chairs: Hisashi Narimatsu Wilhelm von der Lieth James Paulson	06/01/2004-12/31/2006
HBPP (Brain)	Chair: Helmut Meyer Co-chair: Young Oh	11/01/2005-12/31/2006
PSI (Standards)	Chair: Henning Hermjakob Co-chairs: Ruedi Aebersold Randall Julian	11/01/2005-12/31/2007

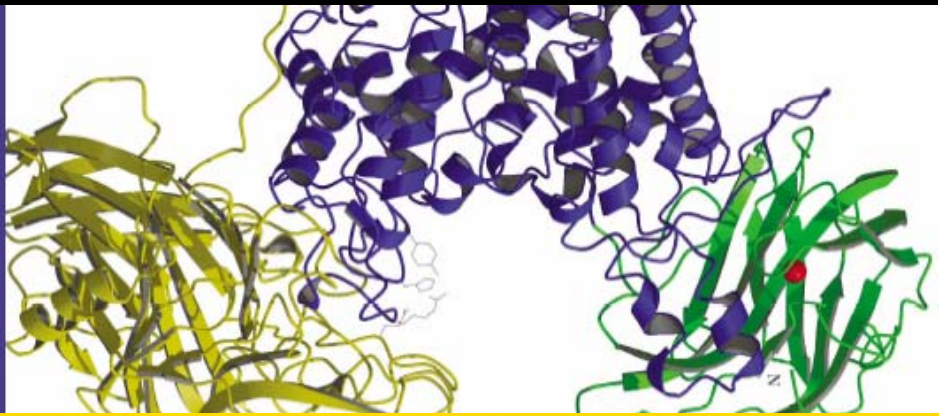
To find out more about each initiative or to contact the chairs and co-chairs, please see: <http://www.hupo.org/research>



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

CO-SPONSORED BY HUPO & USHUPO

THE WEEK AT A GLANCE

Time	Saturday October 28, 2006	Sunday October 29, 2006	Monday October 30, 2006	Tuesday October 31, 2006	Wednesday November 1, 2006
8:00-9:30	* Education Session / Initiative Group Meetings	* HUPO Clinical Day/ Education Session	Opening Ceremony/ Keynote Address	Plenary Session	Plenary Session
9:30-10:00			Coffee Break/Posters	Coffee Break/Posters	Coffee Break/Posters
10:00-12:30	Plenary Session/ HUPO Initiatives		Parallel Sessions	Parallel Sessions	
12:30-14:00	Posters/Vendor Workshops		Posters/Vendor Workshops	Posters/Vendor Workshops	
14:00-16:30	Parallel Sessions		Parallel Sessions	Parallel Sessions	
16:30-17:00	Coffee Break/Posters		Coffee Break/Posters	Coffee Break/Posters	
17:00-18:30	Plenary Session		Plenary Session	HUPO Awards/ Keynote Session/ Closing Ceremony	
18:30-19:30	* Vendor Sponsored Dinner/Events	* Vendor Sponsored Dinner/Events	Workshops/Panel Discussions	Workshops/Panel Discussions	Banquet
19:30-21:00		Vendor Sponsored Dinner/Events			

* DENOTES PRE-CONGRESS ACTIVITIES

MARK YOUR CALENDAR!!

ABSTRACT SUBMISSION DEADLINE: 15 JULY 2006

SPONSOR/EXHIBITOR PROSPECTUS WILL BE SENT OUT IN MARCH

REGISTRATION OPENS SOON!!!

KEEP WATCHING [WWW.HUPO2006.COM](http://www.hupo2006.com)!!!!

UPCOMING EVENTS

1st HUPO Biomarker Cardiovascular Initiative Workshop, March 11, 2006
[\[details\]](#)

[US HUPO 2006](#)

Second Annual Conference
 March 12-15 2006
 Sheraton Hotel—Boston MA, USA

[Abstract Submission](#)



MARCH

	World Microarray Congress 2006	March 24-25, 2006 Vancouver, Canada
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[\[details\]](#)



March 30-31, 2006

6th Annual KHUPO Conference
“From Bench to Clinical Applications”
 Konkuk University, Seoul, Korea

Distinguished invited speakers include John J. M. Bergeron, Rolf Apweiler, Raymond J. Deshaies, Eugene Kapp, Helmut E. Meyer, Peipei Ping, Jan E. Schnitzer, Richard J. Simpson and David W. Speicher.

APRIL

Joint PSI and Publications Committee Meeting, April 21-23, 2006
 Details to be announced on www.hupo.org.

HLPP 3rd

Location: Bilbao, Bizkaia, Spain
Dates: May 4-5, 2006
Organizer: José M Mato – CIC bioGUNE

Fundación BBVA



MAY



CIC bioGUNE
 Biozientzietako Ikerkuntza Kooperatiboko Zentroa
 Centro de Investigación Cooperativa en Biociencias

HUPO ACKNOWLEDGES THE GENEROUS SUPPORT OF ITS PARTNERS



CIHR IRSC
Canadian Institutes of Health Research
Institute of Genetics
Instituts de recherche en santé du Canada
L'Institut de génétique



CIHR IRSC
Canadian Institutes of Health Research
Institute of Neurosciences, Mental Health and Addiction
Instituts de recherche en santé du Canada
Institut des neurosciences, de la santé mentale et des toxicomanies



IRSC CIHR
Canadian Institutes of Health Research
Institute of Nutrition, Metabolism and Diabetes
Instituts de recherche en santé du Canada
Institut de la nutrition, du métabolisme et du diabète



CIHR IRSC
Canadian Institutes of Health Research
Institute of Infection and Immunity
Institut des maladies infectieuses et immunitaires

HUPO'S INDUSTRIAL PARTNERS



GE Healthcare



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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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elizabeth.cooper1@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.