4th Annual World Congress of the Human Proteome Organization to Open August 29, 2005 in Munich Germany

HUPO to Host Largest Gathering of Proteomics Scientists in the World

MONTREAL and MUNICH, Germany – August 18, 2005 – Building on the success of the 2002 Congress in Versailles, 2003 Congress in Montreal and the 2004 Congress in Beijing, the Human Proteome Organization (HUPO)'s 4th Annual World Congress will open Monday, August 29th at the Munich International Congress Center (ICM). Over **1900 people** have already registered to attend this event. Emphasizing the theme of biological function, this conference will bring together leading scientists from all over the world; demonstrate the breadth of proteomics applications to biological function; update scientists on the status of major proteomics initiatives; and bring together the world's leading technology pioneers to facilitate proteomics research collaborations. Further, by scheduling authoritative tutorials on technology as well as a 'doctor's office' to guide proteomics researchers, this event will have a more educational flavour than previous Congresses. Industry-sponsored symposia and an exhibition of the latest proteomics research products and solutions will round out the week's activities.

Already one major scientific press release has been planned during this Congress. On **August 29, 2005** a new, publicly available web-based Human Protein Atlas will be launched. This novel atlas shows where proteins are localised and it contains more than 400,000 images of healthy and diseased human tissues.

The Congress will be immediately preceded by two events; a **Scientific Education day** on **Sunday, August 28th**, including sessions on gel-based and non gel-based proteomics, protein identification, post translational modification proteomics, quantitative proteomics, and bioinformatics for proteomics; and two days of **pre-Congress Initiatives' Workshops** on Saturday and Sunday August 27th and 28th. Each of the seven HUPO Scientific Initiatives - human brain, liver, plasma, antibodies, mouse models of human disease, glycomics, and bioinformatics, will have a workshop.

Comments From HUPO Executives About the Congress

"Coupled with the exciting and accelerating technical advances in mass spectrometry and protein chemistry, the Munich Congress will define a watershed in the realization of proteomics as a key tool to understand the biochemical machineries of all organisms with application to fundamental advances in our understanding of life processes and their application to human disease. An exciting aspect is the extension into protein interaction proteomics and systems biology with great insight into biological function. This congress will offer practical approaches to performing proteomics experiments and informal sessions for students and post-docs to have discussions with leading investigators from around the world. Every delegate will leave with six months worth of important information packed into the four day congress." - ***Dr. Bergeron***, HUPO President, and Chair of the Congress.

"The four-day program of the HUPO Congress will feature numerous presentations to a gathering of specialists in proteomics, covering a broad spectrum of topics. Synergies created in these exchanges will lead to new initiatives and major international research collaborations. The data and technologies presented at this Congress should trigger a wave of optimism for future developments in proteomics." - ***Mr. Paul Stinson, HUPO Director General***.

To register, please visit http://www.hupo2005.com/registration.htm

About Proteomics

Proteomics has become one of the hottest areas of research, driven by breathtaking advances in technology and ever more sophisticated applications to almost every area of biology and biomedicine. This field is capable of providing scientists with data about the actual actors in the cell and is thus also in a unique position to integrate all of the data from functional genomics into a coherent picture of cellular function. So far, proteomics has given scientists just a taste of what will be possible.

About HUPO

Founded late in 2001, the Human Proteome Organization is an international not-for-profit organization whose mission is to coordinate and support the efforts of national and regional organizations involved in proteomic research. It also provides training to facilitate the integration of proteomic tools and technologies to manage the large data sets from studies related to human proteomics. HUPO's International Head Office is located at the McGill University and Génome Québec Innovation Centre, 740 Penfield Ave. in Montreal, Quebec, Canada. For further information, please visit www.hupo.org.