

BIOGRAPHICAL SKETCH

NAME Omenn, Gilbert S.	POSITION TITLE Professor of Internal Medicine, Human Genetics, Public Health, and Computational Biology, Univ of Michigan Chair of HUPO Plasma Proteome Initiative		
eRA COMMONS USER NAME GOMENN			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Princeton University, Princeton NJ	A.B.	1961	Biology
Harvard Medical School, Boston MA	M.D.	1965	Medicine
University of Washington, Seattle WA	Ph.D.	1972	Genetics

Five selected peer-reviewed publications (in recent years)

1. **Omenn GS**, States DJ, Adamski MR, et al. Overview of the HUPO Plasma Proteome Project: results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly-available database. *Proteomics* 2005; 5: 3226-3245. PMID: 16104056
2. Haab BB, Geierstanger BH, Michailidis G, Vitzthum F, Forrester S, Okon R, Saviranta P, Brinker A, Sorette M, Perlee L, Suresh S, Drwal G, Adkins JN, **Omenn GS**. Immunoassay and antibody microarray analysis of the HUPO Plasma Proteome Project reference specimens: systematic variation between sample types and calibration of mass spectrometry data. *Proteomics* 2005; 5: 3278-3291. PMID: 16038022
3. States DJ, **Omenn GS**, Blackwell TW, et al. Challenges in deriving high-confidence protein identifications from data gathered by HUPO plasma proteome collaborative study. *Nature Biotech* 2006; 24: 333-338. PMID: 16525410
4. Keshamouni VG, Michailidis G, Grasso CS, Anthwal S, Strahler JR, Walker A, Arenberg DA, Reddy RC, Akulapalli S, Thannickal VJ, Standiford TJ, Andrews PC, **Omenn GS**. Differential protein expression profiling by iTRAQ-2DLC-MS/MS of lung cancer cells undergoing epithelial-mesenchymal transition reveals a migratory/invasive phenotype. *J Proteome Res* 2006; 5: 1143-1154. PMID: 16674103
5. **Omenn GS**, Aebersold R, Paik YK. HUPO Plasma Proteome Project 2007 Workshop Report. *Mol Cell Proteomics*. 2007; Dec 11; 2252-2253. PMID: 18070836

Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

Gil Omenn was elected to the HUPO Council in 2002 at Versailles. He was instrumental in establishing the first HUPO initiative, the HUPO Plasma Proteome Project (PPP); he remains co-chair. The PPP brought together numerous laboratories, technical committees, corporate partners, and NIH funding. Its Pilot Phase produced the Proteomics special issue (August 2005) and a Wiley book (2006) on "Exploring the Human Plasma Proteome". He has presented original research and led workshops at every HUPO Congress. He brought deep experience in protein chemistry and medicine to HUPO and US HUPO. He began protein chemistry research in 1960 and was a Howard Hughes Investigator at the University of Washington, as well as Senior Member of the Fred Hutchinson Cancer Research Center. He is Professor of Medicine, Genetics, Public Health, and Computational Biology at the University of Michigan. He served as associate director of the White House Office of Science & Technology Policy and Office of Management & Budget for President Carter. He was elected to the Institute of Medicine and American Academy of Arts and Sciences. In 2006 he was president of the American Association for the Advancement of Science (AAAS). In 2007, he received the HUPO Distinguished Service Award.