
BIOGRAPHICAL SKETCH

| NAME Dr. David Fenyö | | POSITION TITLE Senior Research Associate | |
|---|----------------------------------|---|---------------------|
| CURRENT AFFILIATION The Rockefeller University | | | |
| 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 |
| Uppsala University, Sweden | M.Sc. | 1987 | Engineering Physics |
| Uppsala University, Sweden | Ph.D. | 1991 | Physics |
| The Rockefeller University, New York, NY | Postdoc | 1992-1997 | Proteomics |

List of Five Recent Publications By the Candidate:

1. **D. Fenyö**, R.C. Beavis, "Informatics Development: Challenges and Solutions for MALDI Mass Spectrometry", *Mass Spectrometry Reviews*, 27 (2008) 1-19.
2. E.M. Woo, **D. Fenyö**, B.H. Kwok, H. Funabiki, B.T. Chait, "Efficient Identification of Phosphorylation by Mass Spectrometric Phosphopeptide Fingerprinting", *Analytical Chemistry* 80 (2008) 2419-2425.
3. G. Zhang, **D. Fenyö**, and T.A. Neubert, "The Use of DNA Ladders for Reproducible Protein Fractionation by SDS-PAGE for Quantitative Proteomic", *Journal of Proteome Research* 7 (2008) 678-686.
4. J. Eriksson & **D. Fenyö**, "Predicting the Success Rate of Proteome Analysis by Modeling Protein Abundance Distributions and Experimental Designs", *Nature Biotechnology*, 25 (2007) 651-655.
5. **D. Fenyö**, B. Phinney, R.C. Beavis, "Determining the overall merit of protein identification data sets: rho-diagrams and rho-scores", *Journal of Proteome Research* 6 (2007) 1997-2004.

Please Indicate in 200 words or Less the Reason(s) Why Dr. Fenyö Would be a Suitable Candidate for The HUPO Council Elections:

Dr. David Fenyö is an established investigator and a respected leader in proteomic sciences.

Contributions to Proteomic Science.

Dr. Fenyö has made major scientific contributions to the field of proteomic sciences. His recent work as overviewed in "Informatics Development: Challenges and Solutions for MALDI Mass Spectrometry" (*Mass Spectrometry Reviews*, 27, 2008) and on "Predicting the Success Rate of Proteome Analysis by Modeling Protein Abundance Distributions and Experimental Designs" (*Nature Biotechnology*, 25, 2007) have attracted much attention in the community.

Contributions to HUPO.

Dr. Fenyö has been active on HUPO council since 2005; he has been active in HUPO Education Program, HUPO Plasma Proteome Project, HUPO Test Samples Committee, AOHUPO Membrane Proteome Initiative, and he has participated in many HUPO workshops and panel discussions. Dr. Fenyö also serves on international proteomic advisory panels (e.g., Genome Canada) and NIH study sections and site visits. In the past years, HUPO council has benefited from a broad perspective that Dr. Fenyö has offered; his education in Europe combined with his industrial and academic experience in North America place Dr. Fenyö in a unique position to support HUPO as an international organization.