

## BIOGRAPHICAL SKETCH

NAME Antonia Vlahou Ph.D	POSITION TITLE Co-Director of Proteomics Facility		
CURRENT AFFILIATION Biomedical Research Foundation, Academy of Athens			
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
University of Athens, Greece	BSc	1987-1991	Biology
Baylor College of Medicine, Houston, TX, USA	Ph.D	1992-1997	Cell and Molecular Biology
Eastern Virginia Medical School, Virginia, USA	Post-doc	1998-2001	Proteomics

List of five recent publications by the candidate:

Garbis S, Tyritzis SI, Roumeliotis T, Zerefos P, Giannopoulou EG, Vlahou A, Kossida S, Diaz J, Vourekas S, Tamvakopoulos C, Pavlakis K, Sanoudou D, Constantinides CA  
Search for Potential Markers for Prostate Cancer Diagnosis, Prognosis and Treatment in Clinical Tissue Specimens Using Amine-Specific Isobaric Tagging (iTRAQ) with Two-Dimensional Liquid Chromatography and Tandem Mass Spectrometry *J Proteome Res*, *in press*

Karamessinis PM, Malamitsi-Puchner A, Boutsikou T, Makridakis M, Vougas K, Fountoulakis M, Vlahou A, Chrousos G. Marked defects in the expression and glycosylation of alpha -2-HS glycoprotein/fetuin-A in plasma from neonates with intrauterine growth restriction: Proteomic screening and potential clinical implications. *Mol Cell Proteomics*. 2008; 7(3):591-9

Schiffer E, Mischak H, Theodorescu D, Vlahou A. Challenges of using mass spectrometry as a bladder cancer biomarker discovery platform. *World J Urol*. 2008; 26(1):67-74.

Zerefos P, Prados J, Kossida S, Kalousis, A and Vlahou A. Sample Preparation and Bioinformatics in MALDI Profiling of Urinary Proteins. *J Chromat B* 2007; 15;853(1-2):20-30

Zerefos P, Vougas K, Dimitraki P, Kossida S, Petrolekas A, Stavrodimos K, Giannopoulos A, Fountoulakis M and Vlahou A. Characterization of the human urine proteome by preparative electrophoresis in combination to two-dimensional electrophoresis. *Proteomics*, (2006), 6(15):4346-55

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

I am one of the founding members and have served as the General Secretary of the Hellenic Proteomics Society since 2004. I have also served in the organization of two international proteomics meetings and multiple educational activities supported by the Hellenic Proteomics Society. Recently, in collaboration with the Human Urine and Kidney Proteome Initiative, I coordinated the establishment of a European research network

focusing on Urine and Kidney Proteomics (EuroKUP). The activities of the network will be funded by the EU funding mechanism COST (European Cooperation in the field of Scientific and Technical Research) and aim at maximizing research efficiency in the area of clinical proteomics. Collectively these facts demonstrate my dedication in promoting proteomics research, and guarantee an active role in this direction, if selected in the HUPO Council.