

BIOGRAPHICAL SKETCH

NAME Ghasem Hosseini Salekdeh	POSITION TITLE -President of Iranian Proteomics Society -Member of AOHUPO Council -Head, Department of Molecular Systems Biology, Royan Institute		
CURRENT AFFILIATION Department of Molecular Systems Biology, Royan Institute for Stem Cells Biology and Technology, Tehran, Iran			
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
Tehran University, Tehran, Iran	M.Sc	1994-1997	Plant Breeding/Tissue Culture
International Rice Research Institute/UPLB, Los Banos, Philippines	Ph.D	1999-2002	Genetics

List of five recent publications by the candidate:

1. Nasrabadi, D., Rezaei, M., Pirhaji, L., Gourabi, H., Shahverdi, A., Baharvand, H., Salekdeh, GH., 2009. Proteomic analysis of monkey embryonic stem cell during differentiation., *Journal of Proteome Research*, 8: 1527–1539.
2. Torabi, S., Wissuwa, M., Heidari, M., Naghavi, MR., Gilany, K., Hajirezaei, MR., Omid, M., Yazdi-Samadi, B., Ismail, AM., Salekdeh GH., 2009. A comparative proteome approach to decipher the mechanism of rice adaptation to phosphorous deficiency. *Proteomics*, 9:159-70.
1. Baharvand, H., Fathi, A., Gorbai, H., Mollamohammadi, S., Salekdeh Gh. 2008. Identification of mouse embryonic stem cell-associated proteins. *Journal of Proteome Research*, 7: 412-423.
2. Baharvand, H., Fathi, A., van Hoof, D., Salekdeh GH. 2007. Trends in Stem Cell Proteomics. *Stem Cells*. 25:1888-1903
3. Baharvand, H., Hajheidari, M., Kazemi-Ashtiani S., Hosseini Salekdeh Gh., 2006. Proteomic Signature of Human Embryonic Stem Cells. *Proteomics*, 6: 3544-9.

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

Dr. Salekdeh received his PhD in Genetics at International Rice Research Institute, Philippines in 2002. His thesis work was focused on the proteome response of rice to drought and salinity stresses. He returned to Iran as an assistant professor at Agricultural Biotechnology Research Institute of Iran (ABRII), Karaj where he established Stress Proteomics lab. In 2005, he started his collaboration with Department of Stem Cells at Royan Institute, Tehran, Iran, where he is serving as Head of Department of Molecular Systems Biology at Royan Institute. He is council member of the Asia Oceania Human Proteome Organization (AOHUPO). On a national level, Dr. Salekdeh is Funder of Iranian Proteomics Society and President of society from 2004. He has also been elected as president of society for second term starting from December 2009. He is on a number of editorial boards, including Proteomics journal. In 2007, he received National Biotechnology Award from Tarbiat Modares University and in 2008 he received best researcher award from Ministry of Agriculture. . Dr. Salekdeh main research interests are within the field of proteomics and molecular biology with major focus on Stem Cells as well as stress proteomics. He has published over 30 research publications and has written a text book on Molecular Markers.