

BIOGRAPHICAL SKETCH

NAME Ghasem Hosseini Salekdeh	POSITION TITLE Head of Physiology and Proteomics Department, ABRII And Head of Proteomics and Molecular Biology Lab, Royan Institute		
CURRENT AFFILIATION Agricultural Biotechnology Research Institute of Iran, Karaj, Iran and Royan Institute, Tehran, Iran			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Urmia University, Urmia, Iran	B.Sc	1990-1994	Plant Breeding
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. Baharvand, H., Fathi, A., Gourbai, H., Mollamohammadi, S., Salekdeh Gh. 2008. Identification of mouse embryonic stem cell-associated proteins. *Journal of Proteome Research*, 7: 412-423.
2. Salekdeh, GH., Komatsu, S., 2007. Crop proteomics: aim at sustainable agriculture of tomorrow. *Proteomics*, 7: 2976-2996.
3. Baharvand, H., Fathi, A., van Hoof, D., Salekdeh GH. 2007. Trends in Stem Cell Proteomics. *Stem Cells*. 25:1888-1903
4. Hajheidari, M., Eivazi, A., Buchanan, BB., Wong, JH., Majidi, I., Salekdeh, GH., 2007, Proteomics uncovers a role for redox in drought tolerance in wheat. *Journal of Proteome Research*, 6: 1451-1460.
5. Dadashi, A., Askari, H., Mayer-Posner, JM., Ziaei, A., Hosseini Salekdeh, G., 2006 Proteome profiling of rice young panicle response to salinity. *Proteomics*, 6, 6498-507.

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

My main research interests have been within the field of proteomics and molecular biology since 1999. I initiated proteomics work at International Rice Research Institute under supervision of Dr. John Bennett. In 2002, I established Proteomics lab at department of Physiology and Proteomics, Agricultural Biotechnology Research institute of Iran which is one of leading lab in the filed of plant abiotic stress proteomics. I also established Stem Cell Proteomics lab at Department of Stem Cell, Royan Institute, Iran, in 2007.

I am a council member of Asia Oceania Human Proteome Organization (AOHUPO) and a founding member of Iranian Proteomics Society (www.proteomics.ir) and currently serve as elected president of society. I have been a founding member of Biotechnology Network of ECO countries and currently serve as coordinator of this network. I have been in organizing and advisory committee of several international and national conferences.

I do hope that by being elected as member of HUPO council, I can serve as an active member at HUPO to promote its activities and can make a stronger connection between members of Iranian Proteomics Society and HUPO which will certainly promote proteomics activities in Iran.