

BIOGRAPHICAL SKETCH

Provide the following information for each individual included in the Research & Related Senior/Key Person Profile (Expanded) Form.			
NAME Liana Yeganyan, PhD	POSITION TITLE – Researcher		
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
Armenian Agricultural Academy, Republic of Armenia	Bachelor's degree of agronomist-selectionist	1997 – 2001	Agrarian Department, Crop Selection and Genetics
Yerevan State University, Yerevan, Republic of Armenia	Master of Biology	2003 – 2005	Department of Biology, Genetics and Citology
Life Sciences International Postgraduate Educational Centre, Yerevan, Republic of Armenia	PhD	2006 - 2013	Department of Cellular and Molecular Physiology, Cell Pathology
RESEARCH AND PROFESSIONAL EXPERIENCE:			
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E-mail	lylarmenia@yahoo.com , liana.yeganyan@biophys.am		
Career/Employment			
<ol style="list-style-type: none"> 1. 2006-2009 – postgraduate student - Life Sciences International Postgraduate Educational Centre, Yerevan, Republic of Armenia, Department of cell Pathology 2. 2009- 2011 - Researcher - Life Sciences International Postgraduate Educational Centre, Yerevan, Republic of Armenia, Department of Cell Pathology 3. 2011-present – Senior Researcher, Life Sciences International Postgraduate Educational Centre, Yerevan, Republic of Armenia, Department of Cell Pathology 			
CONFERENCES			
2009 October 5-9- Second International Biophysics Congress and Biotechnology at GAP & 21 st National Biophysics Congress, Diyarbakir, Turkey			
Selected Peer-Reviewed Publications			
<ol style="list-style-type: none"> 1. Yeganyan LR, Muradyan RE, Arsenyan FH, Bazikyan GK, Ayrapetyan SN; The 4Hz electromagnetic field-induced modulation of cisplatin effect on carcinoma-180 tumors on mice; 2nd International Biophysics Congress and Biotechnology at GAP & 21st National Biophysics Congress, 5-9 October 2009 - Diyarbakir, Turkey. 2. Ayrapetyan S, Yeganyan L, Bazikyan G, Muradyan R, Arsenyan F (2012) Na/K Pump $\alpha 3$ – Isoform – Dependent Cell Hydration Controlling Signaling System Dysfunction as a Primary Mechanism for Carcinogenesis. J Bioequiv Availab 4:112-120. Doi:10.4172/jbb.1000123 3. Yeganyan LR, Muradyan RE, Arsenyan FH, Bazikyan GK, Ayrapetyan SN; Magnetically treated water at 4Hz and 2,5mT as a modulator of cisplatin effect on cell 			

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hydration and ouabain binding of sarcoma-180 tissue; The Environmentalist journal, Volume 32, Issue 2, 2012; 236-241; DOI: 10.1007/s10669-011-9378-x.

RESEARCH AND PROFESSIONAL EXPERIENCE (CONTINUED):

4. Heqimyan A., Narinyan L., Nikoghosyan A., Deghoyan A., **Yeganyan L.**, Ayrapetyan S; Age dependency of high-affinity ouabain receptors and their magnetosensitivity; The Environmentalist journal, Volume 32, Number 2, 2012; 228-235; DOI: 10.1007/s10669-011-9383-0.
5. **Yeganyan LR** (2013) Effect of 8Hz ELF EMF and its combination with cisplatin on sarcoma-180 tissue hydration and ouabain binding. Proceedings of the Yerevan State University (Chemistry and Biology) 3:38-43; <http://www.y-su.am/science/hy/1385546919>
6. Ayrapetyan SN, **Yeganyan LR**; The high affinity ouabain receptors' dysfunction as a primary mechanism for cancerogenesis; 4th international conference on drug discovery & therapy, 12-15 February 2012, Dubai, UAE.
7. **Yeganyan LR**, Bazikyan GK, Ayrapetyan SN; Ouabain sensitivity of cell hydration in norm and pathology and its EMF-induced modulation; The impact of EMF and infra-sound at higher background ionizing radiation; 12-15 October 2011, Tsakhkadzor, Armenia.
8. **Yeganyan LR**, Muradyan RE, Arsenyan FH, Bazikyan GK, Ayrapetyan SN; Cell hydration elevates the depressing effect of cisplatin on ouabain bunding with cell membrane; NCRI Cancer Conference, 7-10 November 2010, Liverpool, UK.