

BIOGRAPHICAL SKETCH

Provide the following information for each individual included in the Research & Related Senior/Key Person Profile (Expanded) Form.			
NAME Anna Nikoghosyan	POSITION TITLE – Senior Researcher (LSIPEC)		
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
Yerevan State University, Armenia	Master Of Sciences	1985-1990	Radiophysics
<p>Address: 5-th Nork Massiv, 13 Mar St., apt.28, 375079 Yerevan, Republic of Armenia Tel: + 374 10 645172 , Mobile: + 374 91 899962 E-mail: nikogo.anna@yandex.ru , anna.nikoghosyan@biophys.am</p> <p>Career/Employment</p> <ul style="list-style-type: none"> • 1996-2002-Secondary school N147. Yerevan, Armenia. Teacher of Physics. • 2002-2007- Secondary school N166. Yerevan, Armenia. Teacher of Physics. • 2008- till now-Life Sciences International Postgraduate Educational Center Yerevan, Armenia Researcher. <p>Conferences</p> <ol style="list-style-type: none"> 1. Deghoyan, A; Hekimyan, A; Mikaelyan, Y; Nikogosyan, A; Ayrapetyan, S. "The Extra- and Intracellular Water as a Target for Non-Thermal Biological Effect of Millimeter Waves". A Multidisciplinary Research Journal West Dover, Vermont October 22-25, 2009 2. Yerazik Mikayelyan, N. Baghdasaryan, A. Nikoghosyan, S. Barseghyan. "The Modulating Effect of Background Ionizing Radiation, Illumination and Temperature on EMF-induced Changes of Aqua Solution Physicochemical Properties" UNESCO/ ONRG/ EOARD/NFSAT workshop "The impact of EMF and infrasound at higher background ionizing radiation", Tsakhkadzor, Armenia, October 12-15, 2011 3. Armenuhi Heqimyan and Anna Nikoghosyan. "The Mechanism of Age Dependent Magnetosensitivity of Brain Tissue" UNESCO/ ONRG/ EOARD/NFSAT workshop "The impact of EMF and infrasound at higher background ionizing radiation", Tsakhkadzor, Armenia, October 12-15, 2011 			

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Selected Peer-Reviewed Publications

1. Anush Deghoyan, Armenuhi Heqimyan, Anna Nikoghosyan, Erna Dadasyan, Sinerik Ayrapetyan (2012). Cell bathing medium as a target for non thermal effect of millimeter waves. *Electromagnetic Biology and Medicine* 31(2): 132–142.
2. Armenuhi Heqimyan, Lilia Narinyan, Anna Nikoghosyan, Anush Deghoyan, Lianna Yeganyan & Sinerik Ayrapetyan (2012). Age dependency of high-affinity ouabain receptors and their magnetosensitivity. *The Environmentalist* 32(2): 228-235.
3. Y. R. Mikayelyan, N. S. Baghdasaryan, A. K. Nikoghosyan, S. V. Barseghyan and S. N. Ayrapetyan (2012). The EMF-induced changes in aqua medium's properties depend on background ionizing radiation, illumination and temperature. *The Environmentalist*. 32(2): 179-187.
4. Sinerik Ayrapetyan, Armenuhi Heqimyan and Anna Nikoghosyan (2012). Age-Dependent Brain Tissue Hydration, Ca Exchange and their Dose- Dependent Ouabain Sensitivity Bioequivalence & Bioavailability. 4(5): 060-068.
<http://www.omicsonline.org/0975-0851/JBB-04-060.php>
5. Baghdasaryan N.S., Mikayelyan Y.R., Nikoghosyan A.K., Ayrapetyan S.N. (2013) The Impact of Background Radiation, Illumination and Temperature on EMF-Induced Changes of Aqua Medium Properties. *Electromagnetic biology and medicine* 32(3):390-400.
6. Deghoyan A., Nikogosyan A., Heqimyan A., Ayrapetyan S. (2014) Age-Dependent Effect of Static Magnetic Field on Brain Tissue Hydration. *Electromagnetic biology and medicine* 33(1):58-67 (DOI:10.3109/15368378.2013.783852)
7. Heqimyan A., Narinyan L., Nikoghosyan A., Ayrapetyan S. (2015) Age-dependent magnetic sensitivity of brain and heart muscles, In: M. Markov (Ed.) *Electromagnetic Fields in Biology and Medicine*, USA, CRC Press, pp. 217-230. doi: 10.1201/b18148-15
8. Ayrapetyan S., Baghdasaryan N. Mikayelyan Y., Barseghyan S., Martirosyan V., Heqimyan A., Narinyan L., Nikoghosyan A. (2015) Cell hydration as a Marker for Nonionizing Radiation, In: M. Markov (Ed.) *Electromagnetic Fields in Biology and Medicine*, USA, CRC Press, pp. 193-215 DOI: 10.1201/b18148-1

Grants

1. Participation in ISTC Project A-1592P, *"The comparative study of the effects of extremely low frequency electromagnetic fields and infrasound on water molecule dissociation and generation of reactive oxygen species"* 2009.