

Davit Hovhannisyán, PhD

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Nationality: Armenian

DOB: September 13, 1989

Education:

2006 – 2011

Undergraduate student, Department of Bioengineering and Bioinformatics, Russian-Armenian (Slavonic) University, Yerevan, Armenia

2011-2014

PhD student, Department of Plant Biochemistry and Biotechnology, Russian-Armenian (Slavonic) University, Yerevan, Armenia

Work Experience:

2009(Jan.) – 2009 (July)

Internship at the Immunology Department of Institute for Molecular Medicine, Huntington Beach, CA 92647, USA

2011 – 2014

Junior researcher, Laboratory of Plant Biochemistry, Russian-Armenian (Slavonic) University, Yerevan, Armenia

2014 – Present

Researcher, Laboratory of Plant Biochemistry, Russian-Armenian (Slavonic) University, Yerevan, Armenia

Basic professional skills:

DNA isolation and purification, RNA isolation and purification, gel electrophoresis, DNA restriction and ligation, PCR, RT – PCR, protein purification, western blotting, chemical techniques (HPLC, LC-MS, GC-MS), Cytology and Microbiology Techniques – ELISA, ELISPOT, Cytokine flow cytometry assay (FACS_{an}), Immunization and gene-gun DNA immunization.

Bioinformatics software:

Sequence alignment

BLAST, T-coffee, Muscle, DotLet

Structure visualization

PDB-viewer, ChemSketch, RasMol, P-fam

Affiliations:

2012 – Present

Member of Armenian Association of Biochemists (included in Federation of European Biochemical Societies – FEBS), Yerevan, Armenia

Trainings and Awards:

2008 (Jan.-Sept.)

Center of medical genetics and primary health care, Yerevan, Armenia

2009 (March)

Biohazardous training, UCI (University of California, Irvine) Institute for Brain Aging and Dementia, CA, USA

DAVID HOVHANNISYAN CURRICULUM VITAE

2009 (Oct. 7-21)	Student Exchange course at Moscow State University, Faculty of Bioengineering and Bioinformatics, Moscow, Russia
2009 (Nov.)	“The best poster presentation” award, International Conference “Biotechnology and health – 3 and DAAD Alumni Seminar”, Yerevan, Armenia
2010 (Feb.-Apr.)	Winner of distant course of molecular biology and bioinformatics “Vertical”, Moscow, Russia
2010 (June)	Summer-school “Personnel for Bioengineering”, Research Center “Bioinjeneria”, Russian Academy of Sciences, Moscow, Russia
2011 (Sept.)	“The Best Student of Russian-Armenian (Slavonic) University” Award
2015 (Aug.)	“2015 Seminar on Science and Technology Innovation for Developing Countries” Fuzhou, China.
2015 (Oct.)	“The International Youth Forum on Science and Innovation of BRICS and EAEU” Moscow, Russia.
2015 (Oct.)	“School of a Young Innovator” Cakhkadzor, Armenia.
2015 (Oct.)	International Summer School “Plant Derived Polyphenols as Drug Leads” Dresden, Germany.

Language proficiency:

Armenian – native

English – excellent

Russian – excellent

Publications:

1. Hovhannisyanyan. D. DNA vaccines: novel strategies of immunotherapy and vaccination // International Conference “Biotechnology and health – 3 & DAAD Alumni Seminar”, 2009 Oct. 15-17; 126, Armenia, Yerevan.
2. Hovhannisyanyan. D. DNA vaccines. New approaches in solving the problem of immunotherapy of Alzheimer's disease // The International student, postgraduate and young scientist conference "Lomonosov-2010", Russia, Moscow, p. 231. 2010.
3. Hovhannisyanyan D., Rukhkyan M., Vardapetyan H. Flavonoid content and in vitro antiradical activity of Laurus nobilis leaf extracts // Agrosience, № 3-4 (631-632), p. 177-181, 2011.
4. Vardapetyan H., Hovhannisyanyan D., Rukhkyan M., Gasparyan G. Comparative analysis of flavonoid content and in vitro antiradical activity of Laurus nobilis leaves extracts from different regions of South Caucasus // Journal of Russian-Armenian (Slavonic) University, № 2, p. 63-66, 2011.

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5. Hovhannisyan D., Vardapetyan H., Rukhkyan M. Antioxidant activity of some Armenian medical plants // Journal of Russian-Armenian (Slavonic) University, p. 256-261, 2011.
6. Hovhannisyan D., Rukhkyan M., Martirosyan A. Comparative analysis of invitro free radical scavenging activity and total flavonoid content in Abkhazian and Armenian Laurus nobilis leaf extracts // The International student, postgraduate and young scientist conference "Lomonosov-2011", Russia, Moscow, p. 235-236, 2011.
7. Hovhannisyan D., Rukhkyan M., Gasparyan G., Zagorski K. Free radical scavenging activity, flavonoid content and antibacterial activity of some herbs grown in Armenia // The International student, postgraduate and young scientist conference "Lomonosov-2012", Russia, Moscow., p. 231, 2012.
8. Hovhannisyan D., Gasparyan G. In vivo investigation of quercetin antitoxic activity against Armenian M. lebetina obtuse venom // The International student, postgraduate and young scientist "Modern science: development trends, problems and prospects " Yerevan, Armenia, p. 62-64, 2013.
9. Vardapetyan H., Tiratsuyan S., Hovhannisyan A., Rukhkyan M., Hovhannisyan D. Phytochemical composition and biological activity of Laurus nobilis L. leaves collected from two regions of South Caucasus // Journal of Experimental Biology and Agricultural Sciences, vol 1, issue 2, pp. 45-51, 2013.
10. Hovhannisyan D. Flavonoids content and antioxidant activity of H. perforatum, P. major l., A.absinthium and C.laevigata extracts. Vestnik RAU, № 1, p. 89-93, 2014.
11. Hovhannisyan D., Tiratsuyan S., Gasparyan G., Voskanyan A., Vardapetyan H. Antihemorrhagic activity of quercetin against Macrovipera lebetina obtusa venom // Journal of Experimental Biology and Agricultural Sciences, vol 2, issue 2, pp. 165-170, 2014.
12. Vardapetyan H, Hovhannisyan D., Tiratsuyan S and Chailyan G. Quercetin content and antioxidant activity of Armenian Crataegus laevigata, Plantago major and Artemisia absinthium plants extracts // Journal of Experimental Biology and Agricultural Sciences, vol 2, issue 2 (s), pp. 220-225, 2014.
13. Hovhannisyan D. Ethanollic extracts of several Armenian herbs demonstrate strong atiradical activity // Plant Derived Polyphenols as Drug Leads, vol 1, issue 1, p. 52.