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CURRICULUM VITAE

Name, Surname	Hayk DAVTYAN, Ph.D.
Date and Place of Birth	26 April, 1978 Odzoun, Region of Lori, Armenia
Nationality	Armenian
Marital status	Married
Education	<hr/> <p>October 2001 – September 2004 Yerevan State University, Faculty of Biology, Department of Biophysics, PhD student</p> <p>.....</p> <p>1999–2001 Yerevan State University, Faculty of Biology, Department of Biophysics, Master’s Degree</p> <p>.....</p> <p>1995–1999 Yerevan State University, Faculty of Biology, Department of Biophysics, Bachelor’s Degree</p>
Employment	<hr/> <p>July 2001 –up to date Armenian Bone Marrow Donors Registry Tissue Typing Laboratory Technician</p>
Research Experience	<hr/> <p>September 1997- June 2001 MSc research at Laboratory of Biotechnology, Yerevan State University, Faculty of Biology, Department of Biophysics, Armenia.</p>

Master Thesis: Biosynthesis of lignans and activity of phenolats in cell cultures of *L. austriacum*.

October 2001 – August 2004

PhD research at Laboratory of Biophysics, Yerevan State University, Faculty of Biology, Department of Biophysics, Armenia.

PhD Thesis: Investigation of Ethidium Bromide - DNA complexes: interaction with Single- and Double-Stranded Structures.

Trainings

July - August 2002

“HLA typing and molecular genetic detection of *HIV*, *HCV*, *Neisseria Gonorrhoeae*, *Chlamidia Trachomatis*” conducted by Dr. Frieda Jordan, Foundation Laboratory, Glendora, USA

Specialization

main field: Molecular Biology, Biophysics, Genetics
Biotechnology,

Skills

management of clinical samples, extraction of DNA, PCR, gel-electrophoresis, DNA melting, Spectrophotometer,

Languages

Armenian (native), Russian (fluent),
English (good), German (fair)

Computer Skills

Win2000, MS Office, Internet Explorer

List of Publications

1. Minasyan S.G., Tavadyan L.A., Antonyan A.P., **Davtyan H.G.**, Parsadanyan M.A., Vardevanyan P.O. // Differential pulse voltammetric studies of ethidium bromide binding to DNA. *Bioelectrochemistry*, 2006, Switzerland, vol. 68, N 1, pp. 48-55.
2. Vardevanyan P.O, Antonyan A.P., **Davtyan H.G.**, Arakelyan A.V., Minasyan S.G., Tavadyan L.A. // Assessment of Ethidium Bromide Binding to DNA by Differential Pulse Voltammetry. *Biophysics*, 2005, Russia, vol. 50, N 2, pp. 342-344.
3. Vardevanyan P.O., Antonyan A.P., Parsadanyan M.A., **Davtyan H.G.**, Boyajyan Z.R., Karapetian A.T. // Complex-formation of ethidium bromide with poly[d (A-T)] - poly[d (A-T)]. *J. Biomol. Struct. Dyn.*, 2005, USA, vol. 22, N 4, pp.465-470.
4. **Davtyan H.G.** // Interaction of Ethidium Bromide with synthetic homopolynucleotide poly[d(A-T)]-poly[d(A-T)]. *Scientific Transactions YSU*, 2004, Armenia, N 1, pp. 94-98.

5. Vardevanyan P.O., Antonyan A.P., **Davtyan H.G.**, Navasardyan L.A., Boyajyan Z.R., Karapetian A.T. // Particularity of complex formation of ethidium bromide with DNA. *Materials of International Conference "The role of the Biologically active substances in the integrative activity of the organism in normal conditions and in the process of adaptative syndrome formation"*. YSMU, 2004, Armenia, N 2, p.21.
6. Vardevanyan P.O., Antonyan A.P., Parsadanyan M.A., **Davtyan H.G.**, Karapetyan A.T // The binding of Ethidium Bromide with DNA: interaction with Single- and Double-Stranded Structures. *Experimental and Molecular Medicine*, 2003, Korea, vol. 35, N 6, pp. 527-533.
7. Vardevanyan P.O., Antonyan A.P., **Davtyan H.G.**, Karapetyan A.T. // The Binding Ethidium Bromide with Single-Stranded DNA. *Biophysics*, 2003, Russia, vol. 48, N 4, pp.644-648.
8. Antonyan A.P., **Davtyan H.G.**, Vardevanyan P.O. // Formation semi-intercaliation complexes at EtBr interaction with DNA. *Scientific Transactions YSU*, 2003, Armenia, N 3, pp. 97-102.
9. Vardevanyan P.O., Antonyan A.P., Parsadanyan M.A., **Davtyan H.G.**, Markaryan A.Sh., Kazaryan R.S., Babayan Yu.S. // Disperse of bound ligands method in study of adsorption isotherm. *Proceedings of 13th Conversation on Biomolecule Structure and Dynamics*, 2003, Albany, *J.Biomol. Struct. Dyn.*, vol. 20, N 6, p.857.
10. Vardevanyan P.O., Antonyan A.P., Minasbekyan L.A., Parsadanyan M.A., **Davtyan H.G.**, Vardapetyan H.R., Karapetyan A.T // Investigation of interaction of biological active compounds with DNA. *Abstracts of International Symposium on "Dietary Phytochemicals and Human Health"*, 2002, Salamanca, Spain, p.155.
11. Vardapetyan H.R., Kirakosyan A.B., Hovhannisyan A.A., **Davtyan H.G.**, Abazyan R.H. // Influence of elisitors activity involving in biosynthesis of lignans in cell cultures of *L. Austriacum*. *Conference of biotechnology*, 2001, Damascus, Syria, p.28.

Names of references

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