

Hamilton Laboratories

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Hamilton Laboratories was founded in September, 1987 by Nicole Ashley Hamilton in Wayland, Massachusetts. We are presently located in Redmond, Washington, a suburb of Seattle. Our first and, still, our main product, is Hamilton C shell, a tools package that recreates the original UNIX C shell and utilities, offering numerous enhancements. Most of our customers are professional software developers at virtually every major software development shop world-wide. Within this segment, Hamilton C shell is used both as a personal productivity tool and as a scripting engine, often in the automation of mission-critical activities such as the build or QA of their own products. Our other major customer segment is within the CAD/CAM industry, where many of our customers use Hamilton C shell for tasks such as reading or writing TAR-format tapes used to exchange part drawing files with a UNIX workstation.

From 1995 through 2001, we also offered on-site training, but that's been discontinued, along with any consulting services, to focus on the product business

Recent Publications by Hamilton Laboratories:



- [Combined effects of hyperglycemic conditions and HIV-1 Nef: a potential model for induced HIV neuropathogenesis.](#)
*ABSTRACT: Hyperglycemic conditions associated with diabetes mellitus (DM)...*3rd November, 2009
The Dorrance H, Hamilton Laboratories, Division of Infectious Diseases and- *Virology*. 2009 Oct 30;6(1):183. ([DOI Direct Link](#))
- [Cholesterol-depleting statin drugs protect postmitotically differentiated human neurons against ethanol- and human immunodeficiency virus type 1-induced oxidative stress in vitro.](#)
*The majority of human immunodeficiency virus type 1 (HIV-1)-infected...*7th July, 2007
Dorrance H. Hamilton Laboratories, Division of Infectious Diseases,- *J Virol*. 2007 Feb;81(3):1492-501. Epub 2006 Nov 15. ([DOI Direct Link](#))

- [HIV-1 Vpr potently induces programmed cell death in the CNS in vivo.](#)
*The human immunodeficiency virus type I (HIV-1) accessory protein Vpr has...*6th April, 2007
The Dorrance H. Hamilton Laboratories, Division of Infectious Diseases and- DNA Cell Biol. 2007 Feb;26(2):116-31. ([DOI Direct Link](#))
- [siRNA targeting vaccinia virus double-stranded RNA binding protein \[E3L\] exerts potent antiviral effects.](#)
*The Vaccinia virus gene, E3L, encodes a double-stranded RNA...*1st July, 2006
The Dorrance H. Hamilton Laboratories, Division of Infectious Diseases,- Virology. 2006 May 10;348(2):489-97. Epub 2006 Feb 9. ([DOI Direct Link](#))
- [Molecular interactions of human immunodeficiency virus type 1 with primary human oral keratinocytes.](#)
*Infection of the oral mucosa of human immunodeficiency virus type 1...*20th August, 2005
The Dorrance H. Hamilton Laboratories, Center for Human Virology and- J Virol. 2005 Jul;79(13):8440-53. ([DOI Direct Link](#))
- [Down-modulation of the CXCR4 co-receptor by intracellular expression of a single chain variable fragment \(SFv\) inhibits HIV-1 entry into primary human brain microvascular endothelial cells and post-mitotic neurons.](#)
*Our laboratories previously demonstrated that expression of a single chain...*26th July, 2005
The Dorrance H. Hamilton Laboratories, Center for Human Virology and- Brain Res Mol Brain Res. 2005 Apr 27;135(1-2):48-57. ([DOI Direct Link](#))
- [The RNA helicase DDX1 is involved in restricted HIV-1 Rev function in human astrocytes.](#)
*Productive infection by human immunodeficiency virus type I (HIV-1) in the...*21st July, 2005
The Dorrance H. Hamilton Laboratories, Center for Human Virology and- Virology. 2005 Jun 5;336(2):299-307. ([DOI Direct Link](#))
- [Inhibition of HIV-1 replication by caffeine and caffeine-related methylxanthines.](#)
*Human immunodeficiency virus type I (HIV-1) DNA integration is an...*9th June, 2005
The Dorrance H. Hamilton Laboratories, Center for Human Virology and- Virology. 2005 May 10;335(2):177-84. ([DOI Direct Link](#))
- [The perlecan heparan sulfate proteoglycan mediates cellular uptake of HIV-1 Tat through a pathway responsible for biological activity.](#)
*Cell surface heparan sulfate proteoglycans (HSPGs) mediate internalization...*12th January, 2005
The Dorrance H. Hamilton Laboratories, Division of Infectious Diseases and- Virology. 2004 Dec 20;330(2):481-6. ([DOI Direct Link](#))
- [A DEAD box protein facilitates HIV-1 replication as a cellular co-factor of Rev.](#)
*HIV-1 Rev escorts unspliced viral mRNAs out of the nucleus of infected...*12th January, 2005
Division of Infectious Diseases and Environmental Medicine, Department of- Virology. 2004 Dec 20;330(2):471-80. ([DOI Direct Link](#))
- [Antiviral effects of human immunodeficiency virus type 1-specific small interfering RNAs against targets conserved in select neurotropic viral strains.](#)
*RNA interference, a natural biological phenomenon mediated by small...*24th December, 2004
Dorrance H. Hamilton Laboratories, Center for Human Virology and- J Virol. 2004 Dec;78(24):13687-96. ([DOI Direct Link](#))
- [HIV-1 Vif versus APOBEC3G: newly appreciated warriors in the ancient battle between virus and host.](#)
*The ability of the nonlentiviral retrovirus spleen necrosis virus (SNV) to...*28th July, 2004
Hamilton Laboratories, Center for Human Virology and Biodefense, Division- Trends Microbiol. 2004 Apr;12(4):145-8.
- [Cross-packaging of human immunodeficiency virus type 1 vector RNA by spleen necrosis virus proteins: construction of a new generation of spleen necrosis virus-derived retroviral vectors.](#)
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- [HIV-1-mediated apoptosis of neuronal cells: Proximal molecular mechanisms of HIV-1-induced encephalopathy.](#)
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- [Recombinant rhabdoviruses as potential vaccines for HIV-1 and other diseases.](#)

*The failure to develop vaccines to protect against important infectious...*29th April, 2004

The Dorrance H. Hamilton Laboratories, Center for Human Virology,- Curr HIV Res. 2003

Apr;1(2):229-37.

Press Releases on Hamilton Laboratories:

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