

Selected Publications (over 150)

1. Kornfeld, H., Cruikshank, W.W., Pyle, S.W., Berman, J.S., Center, D.M. Lymphocyte Activation by HIV-1 Envelope Glycoprotein. *Nature* 335:445-448, 1988. [PMID: 2843775](#)
2. Cruikshank, WW, Center, DM, Nisar, N, Natke, B, Theodore, AC, Kornfeld, H. Molecular And Functional Analysis Of A Lymphocyte Chemoattractant Factor: Association of Biologic Function with CD4 Expression. *PNAS* 91:5109-5113, 94. <http://www.pnas.org/content/91/11/5109.full.pdf>
3. Ryan, T., Cruikshank, W.W., Center, D.M. Activation of CD4 associated p56 lck by the Lymphocyte Chemoattractant factor. Dissociation of kinase enzymatic activity with chemotactic response. *J Bio Chem* 270:17081-17086, 1995.
4. Laberge, S., Cruikshank, W.W., Kornfeld, H., Center, D.M. Histamine-induced secretion of Lymphocyte Chemoattractant Factor from CD8+ T cells is independent of transcription and translation: Evidence for constitutive protein synthesis and storage. *J. Immunol.* 55:2902-2910, 1995.
5. Theodore, A.C., Center, D.M., Nicoll, J., Fine, G., Kornfeld, H. Cruikshank, W.W. The CD4 ligand Interleukin 16 Inhibits the Mixed Lymphocyte Reaction. *J. Immunol.* 157:1958-64, 1996. [PMID: 7673707](#)
6. Cruikshank, W., Kornfeld H, Berman J., Chupp G., Keane J., Center D. Biology of IL-16. *Nature* 382:501-02, 1996. <http://www.jleukbio.org/content/67/6/757.full.pdf>
7. Cruikshank, W.W., Theodore, A.C., Fine, G., Lim, K.G., Weller, P.F., Center, D.M. Suppression of anti-CD3 Stimulated T cell Proliferation by IL-16. *J. Immunol.* 157:5240-48, 1996. <http://www.jimmunol.org/content/157/12/5240.short>
8. Mackiewicz C, Levy J, Cruikshank W, Kornfeld H, Center D HIV-1 inhibitory activity of IL-16. *Nature* 383:488 1996.
9. Maciaszek, J. W., Parada, N.A., Cruikshank, W.W., Center, D.M., Kornfeld, H., Viglianti, G.A. Interleukin-16 Represses HIV-1 Promoter Activity. *J. Immunol.* 158:5-8, 1997. [PMID: 8977168](#)
10. Viglianti, G.A., Parada, N.A., Maciaszek, J. W., Kornfeld, H., Center, D.M., Cruikshank, W.W. IL-16 anti-HIV-1 therapy. *Nature Medicine* 3:938, 1997. <http://www.nature.com/nm/journal/v3/n9/abs/nm0997-938.html>
11. Zhang, Y, Center, D.M., Cruikshank, W., Kornfeld, H. Processing of IL-16 by Caspase 3. *JBC* 273: 1144, 1998. [PMID: 9422780](#)
12. Parada, N.A., Cruikshank, W.W., Kornfeld, H., Center, D.M. Synergistic Activation of CD4+ T cells by Interleukin 16 and Interleukin 2. *J. Immunol.* 160:2115-2120, 1998. <http://www.ncbi.nlm.nih.gov/pubmed/9498748>
13. Chupp, G., Wright, E.A., Wu, D., Vallen-Mashikian, M., Cruikshank, W.W., Center, D.M., Kornfeld, H., Berman, J.S. Tissue and T cell distribution of Precursor and Mature IL-16. *J. Immunol:* 3114-3119, 1998. <http://www.jimmunol.org/content/161/6/3114.full.pdf>
14. Wu, D.M.H., Zhang, Y., Parada, N.A., Kornfeld, H., Nicoll, J., Center, D.M., Cruikshank, W.W. Processing and Release of IL-16 from CD4+ but not CD8+ T Cells is Activation Dependent. *J Immun* 162:1699, 1999. [PMID: 9973381](#)

15. Vallen-Mashikian, M., Ryan, T.C., Seman, A., Brazer, W., Center, D.M., Cruikshank, W.W. Reciprocal desensitization of CCR5 and CD4 is mediated by IL-16 and MIP-1 respectively. *J. Imm.* 163:3123, 1999. [PMID: 10477578](#)
16. Strohmeier GR, Walsh JH, Klings ES, Farber HW, Cruikshank WW, Center DM, Fenton MJ. LPS Binding Protein Potentiates Airway Reactivity in a Model of Allergic Asthma. *J. Immunol.* 2001 Feb 1;166(3):2063. [PMID: 11160257](#)
17. Little FF, Cruikshank WW, Center DM IL9 stimulates release of chemotactic factors from human bronchial epithelial cells. *Am J Respir Cell Mol Biol.* 2001 Sep;25(3):34752. <http://www.bumc.bu.edu/pulmonary/files/PDFs/Faculty/little5.pdf>
18. Wilson KC, Cruikshank WW, Center DM, Zhang Y. Prointerleukin-16 contains a functional CcN motif that regulates nuclear localization *Biochemistry*, 2002, 41(48):1430612. [PMID: 12450396](#)
19. Little, FF, Lynch, E, Fine, G, Center, DM, Cruikshank, WW. TNF-alpha induced synthesis of interleukin-16 in airway epithelial cells: Priming for serotonin stimulation. *Am J Resr Cell Mol Biology* 28:35462, 2003. [PMID: 12594062](#)
20. Lynch, EA, Heijens, CA, Horst, NF, DM, Cruikshank, WW. Cutting Edge: IL-16/CD4 preferentially induces Th1 cell migration: requirement of CCR5. *J Immunol.* 2003 Nov 15;171(10):4965-8. [PMID: 14607889](#)
21. Center, DM, Cruikshank, WW, Zhang, YJ. Nuclear Pro-Interleukin-16 Regulation of T cell Proliferation: P27^{KIP1} Dependent G0/G1Arrest Modulated by Inhibition of Skp2 Transcription. *J. Imm.* 172:1654-60, 2004. <http://lib.bioinfo.pl/pmid:14734747>
22. Burkart KM, Barton SJ, Holloway JW, Yang IA, Cakebread JA, Cruikshank W, Little F, Jin X, Farrer LA, Clough JB, Keith TP, Holgate S, Center DM, O'Connor GT. Association of asthma with a functional promoter polymorphism in the IL-16 gene. 2006 *J Allergy Clin Immunol.* 117:86-91. [PMID: 16387589](#)
23. Morgan, R, McAllister, B, Cross, L, Green, D, Kornfeld, H, Center, DM, and Cruikshank, WW. 2007 Histamine 4 receptor activation induces recruitment of FoxP3+ T cells and inhibits allergic asthma in a murine model. *J. Immunol* 178(12):8081-9. [PMID: 17548646](#)
24. McFadden, C, S, Green, D, Yamasaki, H, Center, DM, Cruikshank, WW. 2007 Preferential migration of T regulatory cells induced by IL-16. C. McFadden, R. Morgan, S. J. *Immunol.* In press. [PMID: 17982032](#)
25. Zhang, Y, Tuzova, M., Xiao, Z-XJ., Hanson, SK, Xie, H, Kornfeld, H, Cruikshank, WW, Center, DM. 2007 Pro-Interleukin-16 is a scaffold protein which targets Histone Deacetylase 3 to Transcription Factor GABP in the Skp2 Core Promoter. In revision, *J. Immunol.* <http://www.jimmunol.org/content/180/1/402.full>
26. Center, DM. 2007 Time to take the "Idio" out of Idiopathic Pulmonary Fibrosis: A call to arms. (Editorial). *Am. J. Resp Crit Care Med* 175(11):1101-2. <http://www.coalitionforpf.org/wp-content/uploads/2013/03/AJRCCMAug07.pdf>
27. Green, DS, Center, DM, Cruikshank, WW. 2009 HIV-1 gp120 reprogramming of T cell migration provides a mechanism for lymphadenopathy. *J. Virol.* PMID 19297493. [PMCID: PMC2681967](#)
28. Bauchner, H., Felson, DF, Center, DM. Creating a K Community. 2010. Letter to the Editor. *Academic Medicine*, 85:1814. http://journals.lww.com/academicmedicine/Fulltext/2010/12000/Creating_a_K_Community_of_Investigators.6.aspx

29. Curiel-Lewandrowski C, Yamasaki H, Si CP, Jin X, Zhang Y, Richmond J, Tuzova M, Wilson K, Sullivan B, Jones D, Ryzhenko N, Little F, Kupper TS, Center DM, Cruikshank WW. 2011 Loss of Nuclear Pro-IL-16 Facilitates Cell Cycle Progression in Human Cutaneous T cell lymphoma J. Clin. Invest. 121:4838-4849 [PMCID: PMC3225985](#)
30. Center, David M. Changing Landscape of Career Opportunities in the 21st Century: A Brave New World. In Physicians' Pathways to non-Traditional Careers and Leadership Opportunities, R. Ulman and J.M. Ehrenfeld, ed. Springer Science and Business Media Press, 2011 http://link.springer.com/chapter/10.1007%2F978-1-4614-0551-1_1
31. Center, DM, Schwartz, DA, Solway J, Gail D, Laposky AD, Lin S, Gan W: Genomic Medicine and Lung Disease Workshop 2012 AJRCCM 186:280-5 [PMID: 22652029](#)
32. Shamoony, H, Center D, Davis P et al. Preparedness of the CTSA's structural and scientific assets to support the mission of the National Center for Advancing Translational Sciences (NCATS) 2012 Clin Transl Sci 5:121-9 [PMCID: PMC3335735](#)