

Kevin J. Kennedy

EDUCATION:

1993-1995 M.S., Department of Biology, Purdue University, Hammond, IN.
Advisor: Dr. Charles Tseng

1987-1991 B.A., Department of Biology, Indiana University, Gary, IN.
Major: Biology

EXPERIENCE:

January 2003-Present
Lecturer, Indiana University Northwest, Gary IN

2001-January 2003
Research Technician II, Howard Hughes Medical Institute, University of Chicago, Chicago, IL.
Supervisor: Dr. Bruce Lahn

1995-2001
Research Technician/ Senior Research Technician, Northwestern University Medical School, Chicago, IL.
Supervisor: Dr. William Karpus

1994-1995
Graduate Teaching Assistant, Purdue University, Hammond, IN.
Introductory Microbiology Laboratory Instructor
Course Director: Dr. Everett Ting

1991-1995
Associate Faculty Member, Indiana University, Gary, IN.
Introductory Microbiology Laboratory Instructor
Course Director: Angel Gochee

1991-1993
Research Technician, Indiana Dunes National Lakeshore Research Division, Porter, IN.
Supervisor: Dr. Richard Whitman

PUBLICATIONS:

Karpus WJ, Kennedy KJ, Fife BT, Bennett JL, Dal Canto MC, Kunkel SL, Lukacs NW. 2006. Anti-CCL2 Treatment inhibits Theiler's murine encephalomyelitis virus-induced demyelinating disease. *Journal of Neurovirology*, 2006 Aug; 12(4):251-261.

Elhofy A., J. Wang, M Tani, B.T. Fife, K.J. Kennedy, J. Bennet, D. Huang, R..M. Ransohoff, W.J. Karpus. 2005. Transgenic expression of CCL2 in the central nervous system prevents experimental autoimmune encephalomyelitis. *Journal of Leukocyte Biology*. 2005 Feb;77(2):229-37.

W.J. Karpus, B.T. Fife, and **K.J. Kennedy**. 2003. Immunoneutralization of chemokines for the prevention and treatment of central nervous system autoimmune disease. *Methods*, Apr;29(4):362-8.

Elhofy, A, **K.J. Kennedy**, B.T. Fife, and W.J. Karpus. 2002. Regulation of experimental autoimmune encephalomyelitis by chemokines and chemokine receptors. *Immunology Research*, Volume 25, Number 2, 167-175.

Fife, B.T., **K.J. Kennedy**, M. Paniagua, N.W. Lukacs, S.L. Kunkel, A.D. Luster, and W.J. Karpus. 2001. CXCL10 (IFN- γ -inducible protein-10) control of encephalitogenic CD4⁺ T cell accumulation in the central

nervous system during experimental autoimmune encephalomyelitis. *The Journal of Immunology*, Volume 166, 7617-7624.

Kennedy, K.J., and W.J. Karpus. 1999. Role of chemokines in the regulation of Th1/Th2 and autoimmune encephalomyelitis. *Journal of Clinical Immunology*, Volume 19, Number 5, 273-279.

Karpus, W.J., **K.J. Kennedy**, B.T. Fife, and L.M. Hoffman. 1999. Chemokine regulation of immune-mediated demyelinating disease. *ILAR Journal*, Volume 40, 183-189.

Kennedy, K.J., R.M. Strieter, S.L. Kunkel, N.W. Lukacs, and W.J. Karpus. 1998. Acute and relapsing autoimmune encephalomyelitis are regulated by differential expression of the CC chemokines macrophage inflammatory protein-1 alpha and monocyte chemoattractant protein-1. *Journal of Neuroimmunology*, Volume 92, 98-108.

Karpus, W.J., **K.J. Kennedy**, S.L. Kunkel, and N.W. Lukacs. 1998. Monocyte chemoattractant protein 1 regulates oral tolerance induction by inhibition of T helper cell 1-related cytokines. *Journal of Experimental Medicine*, Volume 187, 733-741.

Karpus, W.J., and **K.J. Kennedy**. 1997. MIP-1alpha and MCP-1 differentially regulate acute and relapsing autoimmune encephalomyelitis as well as Th1/Th2 differentiation. *Journal of Leukocyte Biology*, Volume 62, Number 5, 681-687.

Kennedy, K.J., W.S. Smith, S.D. Miller, and W.J. Karpus. 1997. Induction of antigen specific tolerance for the treatment of ongoing, relapsing autoimmune encephalomyelitis. A comparison between oral and peripheral tolerance. *Journal of Immunology*, Volume 159, 1036-1044.

Karpus, W.J., N.W. Lukacs, **K.J. Kennedy**, W.S. Smith, S.D. Hurst, and T.A. Barrett. 1997. Differential CC chemokine-induced enhancement of T helper cell cytokine production. *Journal of Immunology*, Volume 158, 4129-4136.

Karpus, W.J., **K.J. Kennedy**, W.S. Smith, and S.D. Miller. 1996. Inhibition of relapsing experimental autoimmune encephalomyelitis in SJL mice by feeding the immunodominant PLP 139-151 peptide. *Journal of Neuroscience Research*. Volume 45, 410-423.

Whitman, R.L., A.V. Gochee, W.A. Dustman, and **K.J. Kennedy**. 1995. Use of coliform bacteria in assessing human sewage contamination. *Natural Areas Journal*, Volume 15, 227-233.

Whitman, R.L., M.C. Andrzejewski, **K.J. Kennedy**, and T.A. Sobat. 1994. Composition, spacial-temporal distribution, and environmental factors influencing the interstitial beach meiofauna of southern Lake Michigan. *Verhandlungen Internationale Vereinigung für Theoretische und Angewandte Limnologie*. (Proceedings of the International Association for Theoretical and Applied Limnology). Volume 25, 1389-1397.

ABSTRACTS:

Kennedy, K.J., and W.J. Karpus. Monocyte chemoattractant protein-1 plays a significant role in the development of Theiler's murine encephalomyelitis virus-induced demyelinating disease. AAI/CIS Joint Annual Meeting, Seattle, WA, 2000.

Karpus, W.J., M. Tani, B.T. Fife, J. -T. Wang, **K.J. Kennedy**, and R.M. Ransohoff. Constitutive low-level expression of monocyte chemoattractant protein-1 in the central nervous system modulates the clinical, immunological, and histological phenotype of autoimmune encephalomyelitis. AAI/CIS Joint Annual Meeting, Seattle, WA, 2000.

Karpus, W.J., B.T. Fife, and **K.J. Kennedy**. Chemokine regulation of T cell trafficking in autoimmune encephalomyelitis. *FASEB J.*, March 12, 1999, Vol. 13 (4), 244-248.

Kennedy, K.J., and W.J. Karpus. Monocyte chemotactic protein-1 regulation of experimental autoimmune encephalomyelitis. Autumn Immunology Conference, Chicago, IL, 1997.

Karpus, W.J., **K.J. Kennedy**, and N.W. Lukacs. CC-chemokine regulation of T cell differentiation and autoimmune disease. AAAAI/AAI/CIS Joint Meeting, San Francisco, CA, 1997.

Karpus, W.J., **K.J. Kennedy**, and W.S. Smith. Comparison of oral and peripheral tolerance for the prevention and treatment of chronic-relapsing EAE. AAI, New Orleans, LA, 1996.

Kennedy, K.J., D.J. Orleans, D.C. Reed, R.L. Whitman, P.M. Stewart, and M.C. Andrzejewski. Zooplankton population changes in the intradunal ponds at Indiana Dunes National Lakeshore, Porter IN. IAS, Muncie, IN, 1992.