

Daniel J. Campbell, Ph.D.

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Education

- 1993-1998 **University of California – Berkeley, CA**
Ph.D., Division of Immunology, Department of Molecular and Cell Biology.
- 1989-1993 **University of Michigan – Ann Arbor, MI**
Bachelor of Science in Chemistry with Honors.

Research Experience

- 2003-Present Assistant Member, Benaroya Research Institute
- 1999-2003 Postdoctoral fellow in Eugene C. Butcher's lab, Department of Pathology, Stanford University.
- 1994-1998 Graduate student in Nilabh Shastri's lab, Department of Molecular and Cell Biology, University of California. Thesis: Bacterial T cell antigens: Identification and processing pathways.

Publications

Campbell D.J. and E.C. Butcher. 2004. CCR7 expression permits granulocyte homing to secondary lymphoid tissues. *In preparation*.

Campbell D.J. 2004. Cutaneous $\gamma\delta$ T cells – Selecting a destination and asking for directions in the thymus. *Immunity*. 21(1):4-5. **Commentary**

Arnold, C.N., E.C. Butcher, and **D.J. Campbell**. 2004. Antigen-specific lymphocyte sequestration in lymphoid organs: lack of essential roles for $(\alpha)L$ and $(\alpha)4$ integrin-dependent adhesion or G $(\alpha)i$ protein coupled receptor signaling. *Journal of Immunology*. 173(2):866-73.

Staton, T.L., W.B. Johnston, E.C. Butcher, and **D.J. Campbell**. 2004. Murine CD8⁺ recent thymic emigrants are αE integrin⁺ and CCL25 responsive. *Journal of Immunology*. 172(12):7282-88.

Campbell D.J., G.F. Debes, B. Johnston, E. Wilson, and E.C. Butcher. 2003. Targeting T cell responses by selective chemokine receptor expression. *Seminars in Immunology*. 15(5):277-86. **Review**

Campbell D.J., C.H. Kim, and E.C. Butcher. 2003. Chemokines in the systemic organization of immunity. *Immunological Reviews* 2003 195(1):58. **Review**

Kunkel E.J., **D.J. Campbell**, and E.C. Butcher. 2003. Chemokines in lymphocyte trafficking and intestinal immunity. *Microcirculation* 10(3-4):313-23. **Review**

Campbell D.J., and E.C. Butcher. 2002. Intestinal Attraction: CCL25 functions in effector lymphocyte recruitment to the small intestine. *Journal of Clinical Investigation* 110(8):1079-81. **Commentary**

Campbell D.J., and E.C. Butcher. 2002. Rapid acquisition of tissue-specific homing phenotypes by CD4⁺ T cells activated in cutaneous or mucosal lymphoid tissues. *Journal of Experimental Medicine* 195(1):135-41.

Kim CH, **D.J. Campbell**, and E.C. Butcher. 2001 Nonpolarized memory T cells. *Trends in Immunology* (formerly *Immunology Today*) 22(10):527-30. **Review**

Campbell D.J., C.H. Kim, and E.C. Butcher. 2001. Separable effector T cell populations specialized for B cell help or tissue inflammation. *Nature Immunology* 2(9):876-81.

Kim C.H., L.S. Rott, I. Clark-Lewis, **D.J. Campbell**, L. Wu, and E.C. Butcher. 2001. Subspecialization of CXCR5+ T cells: B helper activity is focused in a germinal center-localized subset of CXCR5+ T cells. *Journal of Experimental Medicine* 193(12):1373-81.

Campbell D.J., T. Serwold, and N. Shastri. 2000. Bacterial proteins can be processed by macrophages in a transporter associated with antigen processing-independent, cysteine protease-dependent manner for presentation by MHC class I molecules. *Journal of Immunology* 164(1):168-75.

Campbell D.J., and N. Shastri. 1998. Bacterial surface proteins recognized by CD4+ T cells during murine infection with *Listeria monocytogenes*. *Journal of Immunology* 161(5):2339-47.

Sanderson S., **D.J. Campbell**, and N. Shastri. 1995. Identification of a CD4+ T cell-stimulating antigen of pathogenic bacteria by expression cloning. *Journal of Experimental Medicine* 182(6):1751-7.

Major Lectures

Plenary Lecture at the meeting of the American Society for Blood and Marrow Transplantation. Title – ‘Chemokines in lymphocyte homing and differentiation’. Keystone, Colorado. February 2003.

Oral lecture at the 14th International Conference on Lymphatic Tissues and Germinal Centres in Immune Reactions. Title – ‘CCR7 expression permits granulocyte homing to secondary lymphoid tissues’. Groningen, The Netherlands. June 2002.

Plenary lecture at the joint meeting of the French Societies for Immunology and Transplantation. Title - ‘Chemokines and lymphocyte homing: Spatially targeting the adaptive immune response’. Paris, France. November 2001.

Awards and Fellowships

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| 2002 | Second place award in poster contest. The 14 th International Conference on Lymphatic Tissues and Germinal Centres in Immune Reactions. Groningen, The Netherlands. |
| 1999 | Received postdoctoral fellowship from the Arthritis Foundation. |
| 1999 | Received postdoctoral fellowship from the Leukemia and Lymphoma Society (<i>declined</i>). |
| 1999 | Received postdoctoral fellowship from the Chron’s and Colitis Foundation (<i>declined</i>). |
| 1994 | Honorable mention – National Science Foundation graduate research fellowship. |
| 1993 | Received Claude W. Plase Class of 1901 Graduate Fellowship – University of California. |
| 1993 | Received Merck Index Award for excellence in chemistry – University of Michigan. |