



**R M Zinkernagel**

**Contact**

R M Zinkernagel

## Publications (15)

Ludewig B, Junt T, Hengartner H, Zinkernagel R. Dendritic cells in autoimmune diseases. *Current opinion in immunology* 2001; 13:657-62.

Ludewig B, Bonilla W, Dumrese T, Odermatt B, Zinkernagel R, Hengartner H. Perforin-independent regulation of dendritic cell homeostasis by CD8(+) T cells in vivo: implications for adaptive immunotherapy. *European journal of immunology* 2001; 31:1772-9.

Ludewig B, Hengartner H, Melief C, Toes R, Odermatt B, Dumrese T, Ochsenbein A, Pericin M, McCoy K, Zinkernagel R. Rapid peptide turnover and inefficient presentation of exogenous antigen critically limit the activation of self-reactive CTL by dendritic cells. *Journal of immunology (Baltimore, Md. : 1950)* 2001; 166:3678-87.

Ludewig B, Jäggi M, Dumrese T, Brduscha-Riem K, Odermatt B, Hengartner H, Zinkernagel R. Hypercholesterolemia exacerbates virus-induced immunopathologic liver disease via suppression of antiviral cytotoxic T cell responses. *Journal of immunology (Baltimore, Md. : 1950)* 2001; 166:3369-76.

Ludewig B, Freigang S, Jäggi M, Kurrer M, Pei Y, Vlk L, Odermatt B, Zinkernagel R, Hengartner H. Linking immune-mediated arterial inflammation and cholesterol-induced atherosclerosis in a transgenic mouse model. *Proceedings of the National Academy of Sciences of the United States of America* 2000; 97:12752-7.

Ludewig B, Zinkernagel R, Hengartner H. Transgenic animal models for virus-induced autoimmune diseases. *Experimental physiology* 2000; 85:653-9.

Ludewig B, Barchiesi F, Pericin M, Zinkernagel R, Hengartner H, Schwendener R. In vivo antigen loading and activation of dendritic cells via a liposomal peptide vaccine mediates protective antiviral and anti-tumour immunity. *Vaccine* 2000; 19:23-32.

Ludewig B, Ochsenbein A, Odermatt B, Paulin D, Hengartner H, Zinkernagel R. Immunotherapy with dendritic cells directed against tumor antigens shared with normal host cells results in severe autoimmune disease. *The Journal of experimental medicine* 2000; 191:795-804.

Ludewig B, Maloy K, López-Macías C, Odermatt B, Hengartner H, Zinkernagel R. Induction of optimal anti-viral neutralizing B cell responses by dendritic cells requires transport and release of virus particles in secondary lymphoid organs. *European journal of immunology* 2000; 30:185-96.

Ludewig B, Oehen S, Barchiesi F, Schwendener R, Hengartner H, Zinkernagel R. Protective antiviral cytotoxic T cell memory is most efficiently maintained by restimulation via dendritic cells. *Journal of immunology (Baltimore, Md. : 1950)* 1999; 163:1839-44.

Ludewig B, Odermatt B, Ochsenbein A, Zinkernagel R, Hengartner H. Role of dendritic cells in the induction and maintenance of autoimmune diseases. *Immunological reviews* 1999; 169:45-54.

Ochsenbein A, Klenerman P, Karrer U, Ludewig B, Pericin M, Hengartner H, Zinkernagel R. Immune surveillance against a solid tumor fails because of immunological ignorance. *Proceedings of the National Academy of Sciences of the United States of America* 1999; 96:2233-8.

Maloy K, Zinkernagel R, Hoffmann-Rohrer U, Ludewig B, Theofilopoulos A, Kono D, Pircher H, Rüllicke T, Freer G, Burkhart C, Hengartner H. Qualitative and quantitative requirements for CD4+ T cell-mediated antiviral protection. *Journal of immunology (Baltimore, Md. : 1950)* 1999; 162:2867-74.

Ludewig B, Odermatt B, Landmann S, Hengartner H, Zinkernagel R. Dendritic cells induce autoimmune diabetes and maintain disease via de novo formation of local lymphoid tissue. *The Journal of experimental medicine* 1998; 188:1493-501.

Ludewig B, Ehl S, Karrer U, Odermatt B, Hengartner H, Zinkernagel R. Dendritic cells efficiently induce protective antiviral immunity. *Journal of virology* 1998; 72:3812-8.

## Projects (0)

No results found.

---

Kantonsspital St.Gallen

Rorschacher Strasse 95

CH-9007 St.Gallen

T: +41 71 494 11 11

[support.forschung@kssg.ch](mailto:support.forschung@kssg.ch)