

## Publications

### **A minimum number of autoimmune T cells to induce autoimmunity**

Bosch AJT, Bolinger B, Keck S, Stepanek O, Ozga AJ, Galati-Fournier V, Stein JV, Palmer E.  
Cell Immunol. 2017 Jun

### **Antigen affinity and antigen dose exert distinct influences on CD4 T-cell differentiation.**

**Keck S**, Schmalzer M, Ganter S, Wyss L, Oberle S, Huseby ES, Zehn D, King CG.  
Proc Natl Acad Sci U S A. 2014 Oct 14

### **Gain of function in the immune system caused by a ryanodine receptor 1 mutation.**

Vukcevic M, Zorzato F, **Keck S**, Tsakiris DA, Keiser J, Maizels RM, Treves S.  
J Cell Sci. 2013 Aug 1

### **Absence of TRIF signaling in lipopolysaccharide-stimulated murine mast cells.**

**Keck S**, Müller I, Fejer G, Savic I, Tchaptchet S, Nielsen PJ, Galanos C, Huber M, Freudenberg MA.  
J Immunol. 2011 May 1

### **Crucial role for human Toll-like receptor 4 in the development of contact allergy to nickel.**

Schmidt M, Raghavan B, Müller V, Vogl T, Fejer G, Tchaptchet S, **Keck S**, Kalis C, Nielsen PJ, Galanos C, Roth J, Skerra A, Martin SF, Freudenberg MA, Goebeler M.  
Nat Immunol. 2010 Sep;11

### **Activation of murine macrophages via TLR2 and TLR4 is negatively regulated by a Lyn/PI3K module and promoted by SHIP1.**

**Keck S**, Freudenberg M, Huber M.  
J Immunol. 2010 May 15

### **Bruton's tyrosine kinase is dispensable for the Toll-like receptor-mediated activation of mast cells.**

Zorn CN, **Keck S**, Hendriks RW, Leitges M, Freudenberg MA, Huber M.  
Cell Signal. 2009 Jan;21

### **Key role of splenic myeloid DCs in the IFN- $\alpha$ response to adenoviruses in vivo.**

Fejer G, Drechsel L, Liese J, Schleicher U, Ruzsics Z, Imelli N, Greber UF, **Keck S**, Hildenbrand B, Krug A, Bogdan C, Freudenberg MA.  
PLoS Pathog. 2008 Nov;4

### **Lipopolysaccharide sensing an important factor in the innate immune response to Gram-negative bacterial infections: benefits and hazards of LPS hypersensitivity.**

Freudenberg MA, Tchaptchet S, **Keck S**, Fejer G, Huber M, Schütze N, Beutler B, Galanos C.  
Immunobiology. 2008

### **R-form LPS, the master key to the activation of TLR4/MD-2-positive cells.**

Huber M, Kalis C, **Keck S**, Jiang Z, Georgel P, Du X, Shamel L, Sovath S, Mudd S, Beutler B, Galanos C, Freudenberg MA.  
Eur J Immunol. 2006 Mar;36

### **CD14 is required for MyD88-independent LPS signaling.**

Jiang Z, Georgel P, Du X, Shamel L, Sovath S, Mudd S, Huber M, Kalis C, **Keck S**, Galanos C, Freudenberg M, Beutler B.  
Nat Immunol. 2005 Jun;6