

## **Prof. Dr. Alexander Enk**

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### **SCIENTIFIC VITA**

1984-1988	Dissertation at the Dept. of Dermatology, University of Münster (summa cum laude)
1990-1992	Post-doctoral fellowship at the Dermatology Branch, National Cancer Institute, USA
1992-1994	Resident at the Dept. of Dermatology, University of Mainz
1993	Board certification Dermatology and Venerology
1994	Habilitation University of Mainz
1992–now	Projectleader in Clinical Research Groups, Special Research Leader clinical studies, e.g. ADO, DKG, and EORTC
1997	Associate professor and vice chairman, Department of Dermatology, Johannes-Gutenberg Universität Mainz
since 2004	Director, Department of Dermatology, Heidelberg

### **AWARDS**

Scholarship of the Studienstiftung des Deutschen Volkes (1983-1988); Fullbright Scholar (1988); DFG scholarship (1990-1992); Fogarty scholarship of the National Institutes of Health (1992); Herxheimer prize of the DGAI (1994)

### **BOARD MEMBERSHIPS**

Editorial Board / Associate Editor: J Immunol, J Invest Dermatol, J Dermatol Sciences, Exp Dermatol;

Advisory Board: Essex, Hoffmann La Roche, Schering Plough, Therakos, Serono, Abbott, Biotest Pharma

### **FIELDS OF INTEREST**

Immunology, Oncology, Autoimmunity, Dermatology

## SELECTED PUBLICATIONS (SINCE 2000)

Mahnke K, Qian Y, Fondel S, Brueck J, Becker C, [Enk AH](#) (2005). Targeting of antigens to activated dendritic cells in vivo cures metastatic melanoma in mice. **Cancer Res** 65, 7007-7012

Tuettenberg A, Jonuleit H, Tüting T, Bruck J, Biermann V, Kochanek S, Knop J, [Enk AH](#) (2004). Early adenoviral gene expression mediates immunosuppression by transduced DC: implications for immunotherapy using genetically modified DC. **J Immunol** 172, 1524-1530

Mahnke K, Knop J, [Enk AH](#) (2003). Induction of tolerogenic DC – you are what you eat. **Trends Immunol** 24, 646-651

Mahnke K, Qian Y, Knop J, [Enk AH](#) (2003). Dendritic cells, engineered to secrete a T-cell receptor mimick peptide, induce antigen-specific immunosuppression in vivo. **Nat Biotechnol** 21, 903-908

Mahnke K, Quiang Y, Knop J, [Enk AH](#) (2003). Induction of CD4/CD25<sup>+</sup> regulatory T cells by targeting of antigens to immature dendritic cells. **Blood** 101, 4862-4869

Tuettenberg A, Jonuleit H, Tuting T, Bruck J, Knop J, [Enk AH](#) (2003). Priming of T cells with Ad-transduced DC followed by expansion with peptide-pulsed DC significantly enhances the induction of tumor-specific CD8<sup>+</sup> T cells: implications for an efficient vaccination strategy. **Gene Ther** 10, 243-250

Jonuleit H, Schmitt E, Kakirman H, Stassen M, Knop J, [Enk AH](#) (2002). Infectious tolerance: Human CD25<sup>+</sup> regulatory T cells convey suppressor activity to conventional CD4<sup>+</sup> T helper cells. **J Exp Med** 196, 255-260

Steinbrink K, Graulich E, Kubsch S, Knop J, [Enk AH](#) (2002). CD4<sup>+</sup> and CD8<sup>+</sup> anergic T cells induced by IL-10-treated human DC display antigen-specific suppressor activity. **Blood** 99, 2468-2476

Jonuleit H, Schmitt E, Tüttenberg A, Stassen M, Knop J, [Enk AH](#) (2001). Identification and functional characterization of human CD4<sup>+</sup>/CD25<sup>+</sup> with regulatory properties isolated from peripheral blood. **J Exp Med** 193, 1285-1294

Jonuleit H, Schmitt E, Schuler G, Knop J, [Enk AH](#) (2000). Induction of interleukin 10-producing, nonproliferating CD4(+) T cells with regulatory properties by repetitive stimulation with allogeneic immature human dendritic cells. **J Exp Med** 192, 1213-1222.