Biosketch

Andreas Diefenbach

EDUCATION/TRAINING

Institution and Location	Degree	Year(s)	Field of Study
University of Erlangen, Germany	M.D.	1989-1996	Medicine
University of Erlangen, Germany	Dr. med.	1992-1997	Immunology/ Microbiology
University of California, Berkeley, USA	Postdoc	1998-2002	Immunology

A. Positions and Honours

Employment/Experience

1996 – 1998 Resident, Institut für Klinische Mikrobiologie, University of Erlangen

1999 – 2002 Postdoctoral Fellow, University of California, Berkeley, USA

2003 – 2006 Assistant Professor of Immunology, Skirball Institute of Biomolecular Medicine, New York University Medical Center, New York, USA

2007 – Professor, Microbiology & Molecular Immunology, University of Freiburg

Honors, Awards and Scholarships

1998 Dissertation Award (*summa cum laude*), University of Erlangen

2000 – 2003 Postdoctoral Fellowship for Physicians, *Howard Hughes Medical Institute*

2003 – 2006 Irene Diamond Professorship for Immunology

2004 – 2005 Whitehead Fellowship for Junior Faculty in Biomedical Sciences

2010 Main Scientific Prize, *German Society of Hygiene and Microbiology*

2012 ERC Starting/Consolidator Grant

B. 5 Selected Publications

1. Ganal, S.C., S.L.Sanos, C.Kallfass, K.Oberle, C.Johner, C.Kirschning, S.Lienenklaus, S.Weiss, P.Staeheli, P.Aichele, and **A.Diefenbach**. 2012. Priming of natural killer cells by non-mucosal mononuclear phagocytes requires instructive signals from the commensal microbiota. *Immunity*. 37:171-186.

2. Kiss, E.A., C.Vonarbourg, S.Kopfmann, E.Hobeika, D.Finke, C.Esser, and **A.Diefenbach**. 2011. Natural aryl hydrocarbon receptor ligands control organogenesis of intestinal lymphoid follicles. *Science*. 334:1561-1565.

3. Vonarbourg, C., A.Mortha, V.L.Bui, P.Hernandez, E.A.Kiss, T.Hoyler, M.Flach, B.Bengsch, R.Thimme, C.Hölscher, M.Hönig, U.Pannicke, K.Schwarz, C.F.Ware, D.Finke, and **A.Diefenbach**. 2010. Regulated expression of nuclear receptor RORγt confers distinct functional fates to NK cell receptor-expressing RORγt^{+} innate lymphocytes. *Immunity*. 33:736-751.

4. Sanos, S.L., V.L.Bui, A.Mortha, K.Oberle, C.Heners, C.Johner, and **A.Diefenbach**. 2009. RORγt and commensal microflora are required for the differentiation of mucosal interleukin 22-producing NKp46^{+} cells. *Nature Immunology*. 10:83-91.

5. Lucas, M., W.Schachterle, K.Oberle, P.Aichele, and **A.Diefenbach**. 2007. Dendritic cells prime natural killer cells by *trans*-presenting interleukin 15. *Immunity*. 26:503-517.