

General Information

Last name, First name: Dick, Tobias Peter
Academic title: PD Dr. rer.nat.

Gender: Male
Institute address: Deutsches Krebsforschungszentrum (DKFZ)
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Current position/status: Division Head



Academic Education and Qualifications

1989-1994 Studies in Biochemistry, Free University of Berlin
1994-1997 PhD thesis (Dr. rer. nat.) German Cancer Research Center, Heidelberg and Institute for Immunology, University of Tübingen (*summa cum laude*)
2009 Habilitation in Biochemistry, Faculty of Biosciences, Heidelberg University

Professional Career

1998-2002 Postdoctoral Researcher, Howard Hughes Medical Institute, Yale University, New Haven, USA
2003-2009 Independent Junior Group Leader, German Cancer Research Center, Heidelberg
since 2010 Head of Division 'Redox Regulation', German Cancer Research Center, Heidelberg

Professional Awards

2004 Marie Curie Excellence Grant
2009 Chica- and Heinz-Schaller-Award for young scientists

Selected Publications (5 most important publications)

1. Morgan B, Ezerina D, Amoako TN, Riemer J, Seedorf M, **Dick TP** (2013) Multiple glutathione disulfide removal pathways mediate cytosolic redox homeostasis. *Nat Chem Biol* 9:119-125
2. Albrecht SC, Gomes Barata A, Grosshans J, Teleman AA, **Dick TP** (2011) In vivo mapping of hydrogen peroxide and oxidized glutathione reveals chemical and regional specificity of redox homeostasis. *Cell Metab* 14: 819-829
3. Gutscher M, Pauleau AL, Marty L, Brach T, Wabnitz GH, Samstag Y, Meyer AJ, **Dick TP** (2008) Real-time imaging of the intracellular glutathione redox potential. *Nat Methods* 5: 553-559
4. Kienast A, Preuss M, Winkler M, **Dick TP** (2007) Redox regulation of peptide receptivity of major histocompatibility complex class I molecules by ERp57 and tapasin. *Nat Immunol* 8: 864-872
5. Schwertassek U, Balmer Y, Gutscher M, Weingarten L, Preuss M, Engelhard J, Winkler M, **Dick TP** (2007) Selective redox regulation of cytokine receptor signaling by extracellular thioredoxin-1. *EMBO J* 26: 3086-3097