C.V. Birgit S. Sawitzki

Personal Details

Date of birth:	20.05.1970
Place of birth:	Berlin
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Title/Position:	Prof. Dr. rer. nat. / group leader

Professional development:

1988 - 1989	lab assistent, Berlin Chemie
1989 - 1994	Studies of Biochemistry, Humboldt-Universität, Berlin
1994	Diploma exam, Humboldt-Universität, Berlin
Sept 1999	Dissertation, Humboldt-Universität, Berlin

Scientific development:

1999 - 2001	Postdoc, Institute of Medical Immunology, Charite Universitätsmedizin
2001 - 2003	Postdoc, Nuffield Department of Surgery, John Radcliffe Hospital, University of Oxford, Wellcome Trust Fellowship
2004 - 2009	Group leader “Transplantation tolerance”, Institute of Medical Immunology, Charite Universitätsmedizin
Since 2009	W2-Professor “Angewandte Immunologie mit Schwerpunkt Transplantation und Immuntoleranz” Charité Universitätsmedizin Berlin

Memberships in societies, directory boards and editorial boards:

„Deutsche Gesellschaft für Immunologie, DGFI“, since 2006

„Transplantation Society“, since 2006

„European Society of Transplantation, ESOT”, since 2007

Scientific board “Research Center Immunosciences”, since 2006

Transplantation International, since 2010

ISRN Immunology, since 2011

BMC Immunology, since 2011

Publications (10, selected since 2005)

1. Wehrens EJ, Mijnheer G, Duurland CL, Klein M, Meerding J, van Loosdregt J, de Jager W, **Sawitzki B**, Coffer PJ, Vastert B, Prakken BJ, van Wijk F (2011) Functional human

regulatory T cells fail to control autoimmune inflammation due to PKB/c-akt hyperactivation in effector cells. Blood Sep 29; 118(13):3538-48.

2. Hutchinson JA, Riquelme P, **Sawitzki B**, Tomiuk S, Miqueu P, Zuhayra M, Oberg HH, Pascher A, Lützen U, Janssen U, Broichhausen C, Renders L, Thaiss F, Scheuermann E, Henze E, Volk HD, Chatenoud L, Lechler RI, Wood KJ, Kabelitz D, Schlitt HJ, Geissler EK, Fändrich F (2011) Cutting Edge: Immunological consequences and trafficking of human regulatory macrophages administered to renal transplant recipients. J Immunol. 2011 Sep 1;187(5):2072-8.
3. Schlickeiser, S, Stanojlovic, S, Appelt, C, Vogt, K, Haase, S, Ritter, T, Volk, HD, Pleyer, U, **Sawitzki B** (2011) Control of TNF-induced dendritic cell maturation by hybrid-type N-glycans. J Immunol. May 1; 186(9):5201-11.
4. Sagoo P, Perucha E, **Sawitzki B**, Tomiuk S, Stephens D, Miqueu P, Chapman S, Craciun L, Sergeant R, Brouard S, Rovis F, Jimenez E, Ballow A, Giral M, Rebollo-Mesa I, Le Moine A, Braudeau C, Hilton R, Gerstmayer B, Bourcier K, Sharif A, Krajewska M, Lord G, Roberts I, Goldman M, Wood K, Newell K, Seyfert-Margolis V, Warrens A, Janßen U, Volk H-D, Soulillou J-P, Hernandez-Fuentes M, Lechler R (2010). Indices of Tolerance: Development of Cross-platform Biomarkers to Detect Renal Transplant Tolerance in Man, J Clin Invest. Jun 1; 120(6):1848-61.
5. Keeren K, Friedrich M, Gebuhr I, Philipp S, Sabat R, Sterry W, Brandt C, Meisel C, Grütz G, Volk HD and **Sawitzki B** (2009) Expression of Tolerance Associated Gene-1, a Mitochondrial Protein Inhibiting T Cell Activation, Can Be Used to Predict Response to Immune Modulating Therapies. J Immunol. Sep 15; 183(6):4077-8712.
6. Gong W, Klöpfel, M, Reutzel-Selke A, Jurisch A, Vogt K, Haase S, Höflich C, Polenz D, Gerstmayer B, Tomiuk S, Volk H-D, Pascher A , **Sawitzki B** (2009) High weight differences between donor and recipient affect early kidney graft function – a role for enhanced IL-6 signaling , Am J Transplant., Aug;9(8):1742-51.
7. Oliveira V*, **Sawitzki B***, Chapman S, Appelt C, Gebuhr I, Wieckiewicz J, Long E, WoodKJ (2008) Anti-CD4 mediated generation of regulatory T cells in vitro – in vitro suppression does not predict in vivo capacity to prevent graft rejection, Eur J Immunol. 38:1-12, * equal contribution
8. **Sawitzki B**, Bushell A, Steger U, Jones N, Risch K, Siepert A, Lehmann M, Schmitt-Knosalla I, Vogt K, Gebuhr I, Wood KJ Volk H-D (2007), Identification of gene markers for the prediction of allograft rejection or permanent acceptance, Am J Transplant. 7(5):1091-102.
9. Wood KJ, **Sawitzki B** (2006) Interferon gamma: a crucial role in the function of induced regulatory T cells in vivo. Trends Immunol. 27:183.
10. **Sawitzki B**, Kingsley CI, Oliveira V, Karim M, Herber M, Wood KJ (2005) IFN-gamma production by alloantigen-reactive regulatory T cells is important for their regulatory function in vivo. J Exp Med. 201: 1925.