

PD Dr. rer. physiol. Udo F. Hartwig

Head of Production for Cell Therapeutics
Deputy Qualified Person according to §14 AMG
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Academia

- 1983 - 1988 Studies in human biology/biomedicine, Philipps-University Marburg and Sunley Cross Research Centre, UCL, London (UK)
- 10/1988 Diploma in human biology
- 01/1993 PhD (Dr. rer. physiol.), Philipps-University Marburg (Mentor: Prof. D. Gemsa)
- 06/2010 Habilitation in Molecular Medicine, University Mainz (Prof. C. Huber & Prof. M. Theobald)

Career

- 1989 - 1992 PhD at the Institut de Genetique et de Biologie Moleculaire et Cellulaire, Strasbourg, Frankreich (Prof. D. Mathis & Prof. Ch. Benoist) and the I. Med. Clinic & Policlinic of the University Medical Center of the Johannes Gutenberg University Mainz (Prof. B. Fleischer).
- 1993 - 1995 Post-doc, Dept. of Immunology at The Scripps Research Institute, La Jolla, CA, USA (Labor Prof. J. Sprent & Dr. S. Webb)
- 1996 - 1998 Senior Post-doc, III. Med. Clinic & Polyclinic, University Medical Center of the Johannes Gutenberg University Mainz
- since 1999 Working group leader, III. Med. Clinic & Polyclinic, University Medical Center of the Johannes Gutenberg University Mainz
- since 2004 Deputy expert and head of quality control, manufacturing laboratory for cell therapy, III. Med. Clinic & Polyclinic, University Medical Center of the Johannes Gutenberg University Mainz

Awards

- 1984 - 1988 Graduate Scholarship of the Friedrich-Ebert-Foundation
- 1988 - 1989 German Academic Exchange Service Scholarship (DAAD)
- 1989 - 1990 Research Fellowship of the European Community (EC, Brüssel)
- 1991 - 1992 Research Scholarship of the Friedrich-Ebert-Foundation
- 1993 - 1995 Postgraduate Fellowship of the German Research Foundation (DFG)
- 2008, 2009 Best preclinical scientific presentation at the annual meetings of the 'European Group for Blood and Marrow Transplantation'

Memberships

German Society of Immunology, American Society of Hematology, German Working Community for Bone Marrow and Blood Stem Cell Transplantation

Ad hoc Reviewer

Cytherapy, Bone Marrow Transplantation, Haematologica, Human Immunology, Blood, Immunotherapy, Transplantation, Cellular Immunology.
Deutsche Forschungsgemeinschaft, Dt. Krebshilfe, The Netherlands Organization for Health and Development

Selected Publications

Herr W, Eichinger Y, Beshay J, Bloetz A, Vatter S, Mirbeth C, Distler E, **Hartwig UF**, Thomas S. HLA-DPB1 mismatch alleles represent powerful leukemia rejection antigens in CD4 T-cell immunotherapy after allogeneic stem-cell transplantation. *Leukemia*. 2017;31(2):434-45.

Distler E, Albrecht J, Brunk A, Khan S, Schnuerer E, Frey M, Mottok A, Jordan-Garrote A-L, Brede C, Beilhack A, Madec A, Tomsitz D, Theobald M, Herr W, **Hartwig U.F.** Patient-individualized CD8(+) cytolytic T-cell therapy effectively combats minimal residual leukemia in immunodeficient mice. *Int J Cancer*. 2016;138(5):1256-68.

Zhou Q, Uhlig KM, Muth A, Kimpel J, Lévy C, Münch RC, Seifried J, Pfeiffer A, Trkola A, Coulibaly C, von Laer D, Wels WS, **Hartwig UF**, Verhoeven E, Buchholz CJ. Exclusive Transduction of Human CD4+ T Cells upon Systemic Delivery of CD4-Targeted Lentiviral Vectors. *J Immunol*. 2015;195(5):2493-501

Woiterski J, Ebinger M, Witte KE, Goecke B, Heining V, Philippek M, Bonin M, Schrauder A, Röttgers S, Herr W, Lang P, Handgretinger R, **Hartwig UF***, André MC*. (2013). Engraftment of low numbers of pediatric acute lymphoid and myeloid leukemias into NOD/SCID/IL2Rγnull mice reflects individual leukemogenicity and highly correlates with clinical outcome. *Int J Cancer*. Mar 23. doi: 10.1002/ijc.28170. [Epub ahead of print], *shared senior authorship

Konantz M, Balci TB, **Hartwig UF**, Delleire G, André MC, Berman JN, Lengerke C. (2012). Zebrafish xenografts as a tool for in vivo studies on human cancer. *Ann N Y Acad Sci*. 1266:124-37. Review.

Gille C, Orlikowsky TW, Spring B, **Hartwig UF**, Wilhelm A, Wirth A, Goecke B, Handgretinger R, Poets CF, André MC. (2012). Monocytes derived from humanized neonatal NOD/SCID/IL2Rγ(null) mice are phenotypically immature and exhibit functional impairments. *Hum Immunol*. 73(4):346-354.

Hemmerling J, Wegner-Kops J, von Stebut E, Wolff D, Wagner EM, **Hartwig UF**, André MC, Theobald M, Schopf RE, Herr W, Meyer RG. (2011). Human epidermal Langerhans cells replenish skin xenografts and are depleted by allo-reactive T cells in vivo. *J. Immunol*. 187(3):1142-1149.