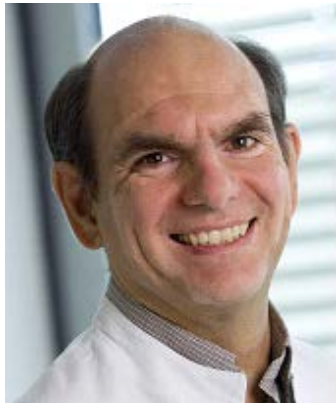


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13 September 1959, Düsseldorf

SCIENTIFIC VITA

2000	Offer of a Professorship at the Seattle Biomedical Institute, USA (declined)
1999-present	Full Professor and head of Dept. of Parasitology, Heidelberg University
1996	Habilitation in Microbiology, University of Würzburg
1994-1998	Junior group leader, Research Centre for Infectious Diseases, University of Würzburg
1988-1993	PostDoc, Laboratory of Biochemical Genetics, Sloan-Kettering Institute, New York, USA
1988	PhD in Biology, Heidelberg University
1979-1984	Biology School, Heidelberg University

COORDINATING FUNCTIONS

Since 2014	Member, ERC panel "Infection & Immunity" (Starting & Consolidator Grants)
Since 2014	ESAB member, European Vaccine Initiative (EVI)
2013-2016	Member, Wellcome Trust PhD Committee
Since 2013	ESAB member, ParaFrap (French Alliance for Parasitology and Health Care)
2012-2014	Member, Council for Graduate Studies, Graduate Academy, Heidelberg University
2010-2015	Director, international EVIMalaR PhD Programme
Since 2008	Director, European Malaria Graduate School
2007-2015	Director (until June 2015), ever since regular EB member, Hartmut Hoffmann-Berling International Graduate of Molecular and Cellular Biology (HBIGS), German Excellence Initiative
2007-2010	ESAB member, European Malaria Vaccine Development Association (EMVDA)
Since 2005	Coordinator, MD/PhD program at Heidelberg University
2005-2009	EC member, Marie-Curie Fellowship Program "MalParTraining"
2004-2009	EC member, Network of Excellence "BioMalPar"
2004-2008	EC member, European Malaria Graduate School
1999-2002	Co-chairman, SFB 544 "Control of Tropical Infectious Diseases"
Since 1993	Coordinator of various EU-funded research networks (6 in total)

AWARDS & HONORS

2011	Heidelberg Molecular Life Science Award
1995	Prize for Tropical Medicine, German Society for Tropical Medicine

FIELDS OF INTEREST

Molecular Parasitology, mechanisms of drug resistance in *P. falciparum*; antigenic variation, cytoadherence, protein trafficking in *P. falciparum*, membrane transport processes, natural protection from malaria by haemoglobinopathies.

CURRENTLY FUNDED PROJECTS

2 projects within the German Center for Infection Research, DFG-funded projects TP03 & 04 within the Collaborative Research Network 1129, DFG/ANR-funded collaborative project EVOTRANSPORT.

PUBLICATIONS (10 most important)

Rieger, H., Yoshikawa, H. Y., Quadt, K., Nielsen, M. A., Sanchez, C. P., Salanti, A., Tanaka, M. and Lanzer, M. (2015) Cytoadhesion of *Plasmodium falciparum*-infected erythrocytes to chondroitin-4-sulfate is cooperative and shear enhanced. *Blood* 125: 383-391.

Sanchez, C. P., Liu, C. H., Mayer, S., Nurhasanah, A., Cyrklaff, M., Mu, J., Ferdig, M. T., Stein, W. D. and Lanzer, M. (2014) A HECT ubiquitin-protein ligase as a novel candidate gene for altered quinine and quinidine responses in *Plasmodium falciparum*. *PLoS Genet* 10: e1004382.

Summers, R. L., Dave, A., Dolstra, T. J., Bellanca, S., Marchetti, R. V., Nash, M. N., Richards, S. N., Goh, V., Schenk, R. L., Stein, W. D., Kirk, K., Sanchez, C. P., Lanzer, M. and Martin, R. E. (2014) Diverse mutational pathways converge on saturable chloroquine transport via the malaria parasite's chloroquine resistance transporter. *Proc Natl Acad Sci U S A* 111: E1759-1767.

Cyrklaff, M., Sanchez, C. P., Kilian, N., Bisseye, C., Simpo, J., Frischknecht, F. and Lanzer, M. (2011) Hemoglobins S and C interfere with actin remodeling in *Plasmodium falciparum*-infected erythrocytes. *Science* 334: 1283-1286.

Rohrbach, P., Sanchez, C. P., Hayton, K., Friedrich, O., Patel, J., Sidhu, A. B., Ferdig, M. T., Fidock, D. A. and Lanzer, M. (2006) Genetic linkage of *pfmdr1* with food vacuolar solute import in *Plasmodium falciparum*. *Embo J* 25: 3000-3011.

Przyborski, J. M., Miller, S. K., Pfahler, J. M., Henrich, P. P., Rohrbach, P., Crabb, B. S. and Lanzer, M. (2005) Trafficking of STEVOR to the Maurer's clefts in *Plasmodium falciparum*-infected erythrocytes. *Embo J* 24: 2306-2317.

Sanchez, C. P., Stein, W. and Lanzer, M. (2003) Trans stimulation provides evidence for a drug efflux carrier as the mechanism of chloroquine resistance in *Plasmodium falciparum*. *Biochemistry* 42: 9383-9394.

del Portillo, H. A., Fernandez-Becerra, C., Bowman, S., Oliver, K., Preuss, M., Sanchez, C. P., Schneider, N. K., Villalobos, J. M., Rajandream, M. A., Harris, D., Pereira da Silva, L. H., Barrell, B. and Lanzer, M. (2001) A superfamily of variant genes encoded in the subtelomeric region of *Plasmodium vivax*. *Nature* 410: 839-842.

Scherf, A., Hernandez-Rivas, R., Buffet, P., Bottius, E., Benatar, C., Pouvelle, B., Gysin, J. and Lanzer, M. (1998) Antigenic variation in malaria: in situ switching, relaxed and mutually exclusive transcription of var genes during intra-erythrocytic development in *Plasmodium falciparum*. *Embo J* 17: 5418-5426.

Lanzer, M., de Bruin, D. and Ravetch, J. V. (1993) Transcriptional differences in polymorphic and conserved domains of a complete cloned *P. falciparum* chromosome. *Nature* 361: 654-657.