



Prof. Dr. Michael Platten, MD

Vice Chair, Neurology Clinic
Head Clinical Cooperation Unit Neuroimmunology and Brain
Tumor Immunology, G160
German Cancer Research Center (DKFZ)
69120 Heidelberg, Germany

Phone: +49-(0)6221-56 6804

FAX: +49-(0)6221-56 7554

E-mail: michael.platten@med.uni-heidelberg.de

DOB 20/01/1971, Bonn

CURRICULUM VITAE

Nov 2015 – present	Full Professor (W3) of Neuroimmunology, German Cancer Research Center Heidelberg
Oct 2014 – present	Vice chair and senior attending, Department of Neurology, University of Heidelberg
Apr 2013 – present	Head Clinical Cooperation Unit Neuroimmunology and Brain Tumor Immunology, German Cancer Research Center
Jul 2010 – Oct 2015	Associate Professor (W3) of Experimental Neuroimmunology, University of Heidelberg
Apr 2007 – Mar 2013	Head Helmholtz University Young Investigator Group Experimental Neuroimmunology, German Cancer Research Center
Jan 2007 – Sep 2014	Vice chair and senior attending, Department of Neurooncology, University of Heidelberg
Oct – Dec 2006	Attending, Department of Neurology, University of Tübingen
Sep 2006	Habilitation in Neurology, University of Tübingen
Sep 2006	Board Certification in Neurology, University of Tübingen
Jan 1999 – Sep 2006	Residency in Neurology, University of Tübingen
Aug 2002 – Sep 2004	Postdoc, Department of Immunology, Stanford University, USA
Jul 1994 – Jun 1997	MD thesis, Department of Neuropathology, University of Bonn Medical School, University of Bonn (Germany), University of London (England) and Harvard Medical School (Boston, USA)
Sep 1991 – Oct 1998	

MEMBERSHIPS

German Academy of Neurology (DGN), American Academy of Neurology (AAN), German Cancer Society (DKG), Steering Board DKG Neurooncology Working Group (NOA), European Association for Neuro-Oncology (EANO), European Organisation for the Research and Treatment of Cancer Brain Tumor Group (EORTC-BTG), General Assembly of the EORTC, Society for Neuro-Oncology (SNO), European Academy of Tumor Immunology (EATI), Association for Cancer Immunotherapy (CIMT)

EDITORIAL BOARDS

Amino Acids (until 2014)
International Journal of Tryptophan Research
PLoS ONE
Neuro-Oncology

HONORS

2012	Sir Hans Krebs Award
2011	Chica and Heinz Schaller Award
2010	Heinrich Pette Award of the German Neurological Society
2006	Helmut Bauer Award for Multiple Sclerosis Research
2002 – 2004	Emmy Noether Fellow of the German Research Foundation
2000 – 2002	Jung Fellow
2000	Basic Young Scientist Award of the European Association of Neurooncology
1998	ERASMUS Fellow
1995	BMEP Fellow

COORDINATING FUNCTIONS (selected)

2013 – present	Member of the Immunotherapy Research Review Committee, German Cancer Research Center
2012 – present	Member of the EORTC General Assembly
2009 – present	Member of the Control Commission of the National Institute for Medical and Pharmaceutical Examination and Pharmaceutical Examination Questions
2008 – present	Member of the EORTC Brain Tumor Group
2008 – present	Coordinating physician of the Neuroimmunology Outpatient Clinic, Department of Neurooncology, University Heidelberg
2014 – present	Affiliated member of the Biological Faculty Heidelberg
2014 – present	Board member of the Neurooncology Working Group (NOA) of the German Cancer Society
2016 – present	Faculty member of the German Consortium for Translational Cancer Research (DKTK)

INVENTIONS

- A method of modulating cellular activity and agents useful for the same
US 7531575 B2
- Method of modulating T cell functioning
WO 2006076580 A2
- Trp/his exchange and kynurenine induced trp transport
WO 2008108994 A1
- Means and methods for treating and/or preventing natural Ahr ligand-dependent cancer
WO 2013034685 A1
- Means and methods for treating or diagnosing IDH1 R132H mutant-positive cancers
WO 2013/102641 A1, PCT/EP2013/050048
- Treatment of Kynurenin-producing Tumors with AhR Antagonists
DKFZ, P1014, PCT/EP2012/067504, US 2014/0294860 A1
- Method for the Detection of Antigen Presentation
DKFZ, P1203, EPA 14190538.0
- Means and methods for treating or diagnosing H3.3 K27M mutant-positive cancers
UKH 14-15ERF; DKFZ, P1248

REFEREE

Journals: Acta Neuropathologica, Biochemical and Biophysical Research Communications, Biochemical Pharmacology, Brain, Brain Pathology, British Journal of Cancer, Cancer Research, Cell and Tissue Research, Cell Physiology and Biochemistry, Clinical Neurology and Neurosurgery, Drug Discovery Today, EMBO Molecular Medicine, European Journal of Cancer, European Journal of Neuroscience, Experimental Hematology, Glia, Immunobiology, Immunology Letters, International Immunology, International Immunopharmacology, International Journal of Biochemistry and Cell Biology, International Journal of Cancer, International Journal of Tryptophan Research, Journal of Clinical Immunology, Journal of Immunology, Journal of Investigative Medicine, Journal of Leukocyte Biology, Journal of Neurochemistry, Journal of Neuroimmunology, Journal of Neurological Surgery-A, Journal of Neurology, Journal of Neuropathology and Experimental Neurology, Molecular and Cellular Biology, Molecular and Cellular Proteomics, Multiple Sclerosis, Nature, Nature Communications, Neurobiology of Disease, Neuro-Oncology, Nervenarzt, Oncogene, Pharmacology Research, PloS ONE, Proceedings of the National Academy of Sciences, Stem Cells, Stem Cells and Development, Trends in Immunology

Funding Agencies: AERES, EU-ERA-NET, Fondazione Italiana Sclerosi Multipla, German Cancer Aid, German-Israeli Foundation, German Research Foundation, INSERM, Italian Association for Cancer Research, Wilhelm Sander Foundation, MS Society of Australia, MS Society UK

PUBLICATIONS

- 108 peer-reviewed (excluding abstract publications and book chapters)
- 76 original articles
- cumulative impact factor 747.6
- 4107 cites
- 834 cites in 2015
- 41 cites per article
- h-index 33

5 MOST RELEVANT ORIGINAL ARTICLES (FIRST OR LAST AUTHOR)

- | | IF |
|---|------|
| ➤ Bunse L*, Schumacher T*, Sahm S*, Pusch S, Oezen I, Rauschenbach K, Gonzalez M, Solecki G, Osswald M, Capper D, Wiestler B, Winkler F, Herold-Mende C, von Deimling A, Wick W, <u>Platten M</u> (2015). Proximity ligation assay evaluates presentation of mutant isocitrate dehydrogenase 1 in gliomas. J Clin Invest 125:1-14. *equal contribution | 14.1 |
| ➤ Schumacher T*, Bunse L*, Pusch S, Sahm F, Wiestler B, Quandt J, Menn O, Osswald M, Oezen I, Ott M, Keil M, Balss J, Rauschenbach K, Grabowska AK, Vogler I, Diekmann J, Trautwein N, Eichmüller S, Okun J, Stefanovic S, Riemer AB, Sahin U, Friese M, Beckhove P, von Deimling A, Wick W, <u>Platten M</u> (2014). A vaccine targeting mutant IDH1 induces antitumor immunity. Nature 512:324-327. *equal contribution. | 41.5 |
| F1000Prime: 5 | |
| Comments: New Engl J Med 327:1956-1958; Oncoimmunol 4:974411; Nature Rev Neurol 10:428; SciBX 7:2014.851; Cancer Discov 4:OF13 | |
| ➤ Lanz TV, Becker S, Osswald M, Bittner S, Schuhmann MK, Opitz CA, Gaikwad S, Wiestler B, Litzénburger UM, Sahm F, Ott M, Iwantscheff S, Grabitz C, Mittelbronn M, von Deimling A, Winkler F, Meuth SG, Wick W, <u>Platten M</u> (2013). Endothelial protein kinase C β as a therapeutic target stabilizing blood brain barrier disruption in experimental autoimmune encephalomyelitis. Proc Natl Acad Sci USA 110:14735-14740. | 9.7 |
| ➤ Opitz CA, Litzénburger UM, Sahm F, Ott M, Tritschler I, Trump S, Schumacher T, Jestaedt L, Schrenk D, Weller M, Jugold M, Guillemin GJ, Miller CL, Lutz C, Radlwimmer B, Lehmann I, von Deimling A, Wick W, <u>Platten M</u> (2011). An endogenous ligand of the human aryl hydrocarbon receptor promotes tumor formation. Nature 478:197-203. | 41.5 |
| F1000Prime: 5 | |
| Comments: Nature 478:192-194; Nat Rev Cancer 11:757; Cancer Discov 1:464; J Natl Cancer Inst 104:349-352 | |
| ➤ <u>Platten M</u> , Ho PP, Youssef S, Fontoura P, Garren H, Hur EM, Gupta R, Lee LY, Kidd BA, Robinson WH, Sobel RA, Selley ML, Steinman L (2005). Treatment of autoimmune neuroinflammation with a synthetic tryptophan metabolite. Science , 310:850-855. | 33.6 |

SUPERVISED THESES (MD = Medical Doctor, PhD = Doctor of Philosophy)

PhD

2015 -	Khwab Sanghvi. TCR discovery in gliomas	PhD
2014 -	Katrin Deumelandt. Antigen discovery in gliomas.	PhD
2014 -	Jana Sonner. Regulation of CNS immunity by tryptophan depletion.	PhD
2011 - 2015	Chiara Redaelli. The aryl hydrocarbon receptor in autoimmunity and tumor immunity. Magna cum laude.	PhD
2011 - 2015	Melanie Keil. GCN2-dependent and independent roles of tryptophan depletion in autoimmunity and tumor immunity. Magna cum laude.	PhD
2010 - 2014	Theresa Bunse, geb. Schumacher. IDH1R132H as a tumor antigen and target for immunotherapy in gliomas. Magna cum laude, Holger-Müller Award for Rare Diseases 2014, Richtzenhain Award 2015.	PhD
2009 - 2013	Martina Ott. The relevance of TDO in malignant gliomas: prostranscriptional regulation and binding partners. Magna cum laude, presently Postdoctoral Research Fellow at MD Anderson Cancer Center.	PhD
2007 - 2011	Ulrike Litzenburger. Tryptophan catabolism in tumors: Regulation, molecular mechanisms and functional consequences. Magna cum laude, Richtzenhain Award 2012, presently Postdoctoral Research Fellow at Stanford University.	PhD

MD

2016 -	Mirco Friedrich.	MD
2016 -	Jens Blobner.	MD
2013 - 2015	Nikolaus von Knebel-Doeberitz. Aryl hydrocarbon receptor-dependent immunosuppression in experimental glioma.	MD
2013 - 2014	Caroline Pilz. Mast cells and $\gamma\delta$ T cells in ultraviolet B mediated immunosuppression of experimental autoimmune encephalomyelitis. Summa cum Laude	MD
2012 - 2013	Lukas Bunse. Spontane Immunntworten gegen mutierte Isozitatdehydrogenase 1 in Gliompatienten. Summa cum Laude, Holger-Müller Award for Rare Diseases 2014, Andreas Zimprich Award 2015	MD
2012 - 2013	Carl Grabitz. Generation of transgenic mouse models for the analysis of tryptophan catabolism in autoimmune neuroinflammation. Magna cum Laude	MD

2011 - 2012	Iris Mildenberger. Inhibition der Kynurenin-3-Monooxygenase im Tiermodell der Multiplen Sklerose. Magna cum Laude, presently Resident in Neurology in Frankfurt.	MD
2010 - 2011	Simeon Iwantscheff. IDO as a mediator of the therapeutic efficacy of Interferon-beta in a mouse model of multiple sclerosis. Magna cum Laude	MD
2009 - 2011	Anne Hertenstein. Functional and molecular analyses of the immunomodulating properties of the synthetic tryptophan metabolite Tranilast on human T cells. Summa cum laude, presently Resident in Neurology in Heidelberg. Wilma-Moser Award for the best medical dissertation 2014.	MD
2008 - 2013	Katharina Ochs. Perivascular cells as mediators of immune evasion in malignant glioma. Summa cum laude, presently Resident in Neurology in Heidelberg.	MD
2007 - 2011	Felix Sahm. The biological relevance of tryptophan metabolism in glioma. Magna cum laude, presently Resident in Neuropathology in Heidelberg.	MD
2006 - 2009	Tobias Lanz. Mouse mesenchymal stem cells suppress antigen-specific TH-cell immunity independent of indoleamine 2,3-dioxygenase 1 (IDO1). Summa cum laude, Carl Liebermeister Dissertation Award Tübingen University, presently Resident in Neurology in Heidelberg.	MD