

**Heinz Läubli, MD PhD****Personal Information**

PD Dr. med. Dr. sc. nat.  
Specialist in Medical Oncology and Internal Medicine  
Board certification in Switzerland, FMH

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**Research Interests**

My main goal is to improve immunotherapy for cancer patients by using translational *in vitro* and *in vivo* tumor models, performing correlative analysis of patients treated with immunotherapy and conducting early clinical interventional trials. I am studying the role of glycans and glycan-binding receptors in anti-cancer immunity. Glycans can mediate important interactions with immune cells and manipulation of glycans and glycan-binding receptors (lectins) bear a great potential to improve anti-tumor immune reactions. Glycan-mediated interactions in cancer immunology are significantly underexplored and could be used to improve anti-cancer immunity. My group has studied the interaction between glycans that contain sialic acids (sialoglycans) and their interaction with Siglec receptors on immune cells and have demonstrated that this pathway can be targeted to augment T cell stimulation and tumor control. Current goals include improvement of cancer immunotherapy by modifying glycans in the tumor microenvironment and glycans of cellular products for adoptive cell therapies including genetically modified T cells.

**Education/Training**

2019	Venia Legendi, Faculty of Medicine, University of Basel, Switzerland
2015	Swiss Board Certification in Medical Oncology, FMH
2013	Swiss Board Certification in General Internal Medicine, FMH
2005-2008	PhD Thesis at the Institute of Physiology, University of Zürich, Switzerland
2004-2005	ECFMG certification, United States Medical Licensing Examinations
2005	MD Thesis at the Institute of Physiology, University of Zürich, Switzerland
1998-2004	Medical studies at Universities of Zürich and Lausanne, Switzerland

**Employment History**

Since 2018	Group leader Department of Clinical Research, University of Basel
Since 01/16	Attending physician, Division of Oncology and Head of Glycobiology Research (Project Leader) Department of Biomedicine, University Hospital Basel
05/14-12/15	Clinical fellow, Division of Oncology (C. Rochlitz) and Project Leader, Cancer Immunology Laboratory (A. Zippelius), University Hospital Basel
05/12- 04/14	Postdoctoral Researcher (A. Varki), Department of Cellular and Molecular Medicine, University of California, San Diego, USA
05/10-04/12	Resident, Department of Internal Medicine, Division of Hematology and Oncology, University Hospital, Basel (J. Schifferli, J. Passweg, C. Rochlitz)
12/08-04/10	Resident, Department of Internal Medicine, See-Spital, Horgen