

*Summer School 2010*  
*Kandersteg*









Loss of sphingosine kinase-1 in cells increases oxidative stress and cells to drug-induced DNA damage

Nataliya Kotelevets

Supervisors of the project  
prof. Uwe Zangemeister-Wittke and  
prof. Andrea Huwiler

Kandersteg, summer school 2010











Stephanie Schwalm

Adenosine kinase is critically involved in nitric oxide  
production and tube formation

08.2



- Regulation of Programmed Cell Death by Bcl-2 Family and IAP Proteins
- Crosstalk from Death Receptor (DR) to Intrinsic Apoptosis Pathway
- Roles of Cell Death Regulators Beyond Cell Death
  - (X)IAP in pro-inflammatory signalling in innate immunity
  - DR-pathway and Bcl-2 proteins in proliferation and differentiation

2010

T Kaufmann - 9th Bern Summer School

Summerschool 2010, August

# Immunoregulatory Effects of Siglecs and Intravenous Immunoglobulin

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# Siglecs as regulators of human natural killer cells in health and disease

Camilla Jandus, 08.08.2010  
9<sup>th</sup> International Summer School, Kandersteg

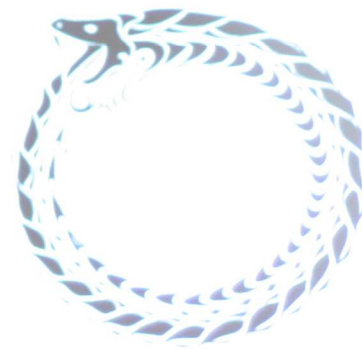








# Autophagy (Self-eating) and D Pathways



**Ouroboros**

Plato: Self-eating, circular

PD Dr. Mario P. Tschan

Experimental Oncology/Hematology,  
Department of Clinical Research  
and Medical Oncology, Inselspital,  
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## Talk Content

oxygen sensing  
hypoxia  
HIF  
(transcription factor)

Tumor  
liver / li



# Inhibition of targets the DDB

Yitzhak Z





