



**Institute of Cell Biology and Immunology  
University Stuttgart**

**2<sup>nd</sup>**

# **PhD Program workshop**

**preliminary program**

**April, 26.-28. 2007**

**Europahaus, Todtmoos**

sponsored by:



### Thursday, April 26

until 13:30      Check-in

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*The PKD and DLC1 session*

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13:30 – 14:00      **Patrik Schöffler:** The influence of negatively charged phospholipids on DLC1 function.

14:00 – 14:30      **Gerlinde Holeiter:** The role of DLC1 in breast epithelial cell transformation.

14:30 – 15:00      **Johanna Heering:** Identification of novel protein-protein interactions of DLC1 via its SAM domain.

*Coffee break*

15:30 – 16:00      **Rolf Scholz:** Potential regulation of the tumor suppressor DLC1 by protein kinase D.

16:00 – 16:30      **Kornelia Elwanger:** PKD mouse models.

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*The TNF-superfamily session*

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16:30 – 17:00      **Julia Ranzinger:** The controlled segregation and clustering of signaling molecules and their effect on receptor-induced apoptosis.

17:00 – 17:30      **Monica Schliemann:** Mathematical modelling of TNF $\alpha$  induced apoptotic and antiapoptotic signaling pathways in mammalian cells.

*Dinner*

19:30 – 21:00      Round table discussions:

a) **Gertrude Bunt, Angelika Hausser:** Methods and capabilities of the IZI microscope facility.

b) **N.N., N.N.:** Get on the (tenure) track.

Scientific career.

c) **N.N., N.N.:** Get into the big business.  
Industrial career.

### Friday, April 27

#### *Breakfast*

- 09:00 – 09:30 **Britta Schneider:** Generation of novel TRAIL fusion proteins with superior tumor selective apoptosis induction.
- 09:30 – 10:00 **Verena Boschert:** Analysis of receptor ligand interaction with new single chain TNF constructs.

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#### *The cancer resistance session*

- 10:00 – 10:30 **Christian Joffroy:** Molecular mechanisms of anti-estrogen resistance in breast cancer.

#### *Coffee break*

- 11:00 – 11:30 **Ina Merz:** Functional analysis of mEH as mediator of endokrin therapy resistance in breast cancer.
- 11:30 – 12:00 **Ioanna Skorta:** Effect of imatinib on DNA damage response.

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#### *The melanoma session*

- 12:00 – 12:30 **Bharathy Thayaparasingham:** Melanoma therapy.
- 12:30 – 13:00 **Sandra Barisic:** The influence of UVB on Il-1 mediated NfkB activation.

#### *Lunch*

- 14:30 – 16:30 Cultural program

### Friday, April 28 contd.

#### *Production of biomolecules session*

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- 17:00 – 17:30 **Alexander Vaude:** Process development for antibody purification.
- 17:30 – 18:00 **Eric Becker:** Secretion engineering in a CHO production cell line.

#### *Dinner*

20:00 – ????:? Social mixer 😊

### Saturday, April 28

#### *Breakfast*

#### *The targeted drug delivery session*

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- 09:30 – 10:00 **Miriam Rether:** Targeted colloidal carrier systems for the systemic delivery of anti leukemic siRNAs in cancer therapy.
- 10:00 – 10:30 **Julia Beuttler:** Development of a targeted drug delivery system based on immunoliposomes and the tumorspecific membrane expression of HSP70.
- Coffee break*
- 10:30 – 11:00 **Sylvia Messerschmidt:** Bioactive multifunctional composite-nanoparticles for the immunotherapy of cancer.
- 11:30 – 12:00 **Roland Stork:** New strategies for the improvement of pharmacokinetics and activity of recombinant bispecific antibody molecules.

#### *Lunch*

Departure