

# 5th International Workshop on Adhesion-GPCRs

## Saturday May first 2010, Villa Tillmans, University of Leipzig

### Program

30.04.2010, 19.30 o'clock (7.30 pm) Finger buffet and drinks in the small conference room, Villa Tillmans

8.30 Welcome Note

#### Session I: Structure and processing

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|-------|--|-------------------------------|
| 8.35  | Adhesion GPCRs: Introduction and overview  | M. Stacey, Leeds              |
| 9.00  | Structure (title to be announced)  | Group of T. Schwartz, Denmark |
| 9.20  | The C-terminal fragment of latrophilin can form functional complexes with the N-terminal fragments of other adhesion GPCRs | J. Ushykarov, London          |
| 9.45  | Functional analysis of the interplay between the extracellular- and 7TM-subunits of EMR2 receptor                          | H.-H. Lin, Tao Yuan           |
| 10.05 | Intracellular interactions of CIRL suggest its link to endocytosis<br><i>Coffee break</i>                                  | A. Petrenko, Moscow           |

#### Session II: Evolution and animal models

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|-------|---|------------------------|
| 11.00 | Evolution of the Adhesion GPCR family                                       | H. Schiöth, Uppsala    |
| 11.30 | Latrophilin is required for tissue polarity in the <i>C. elegans</i> embryo | A. Russ, Oxford        |
| 12.50 | Latrophilin function in <i>C. elegans</i> and <i>Drosophila</i>             | T. Langenhan, Würzburg |
| 12.10 | CD97 transgenic mice in tumor and colitis models                            | G. Aust, Leipzig       |

*Lunch break*

#### Session III: Structure and ligands

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|-------|---|----------------------------|
| 13.40 | Receptor trafficking: ligand-induced internalization and its consequences                 | A. Beck-Sickinger, Leipzig |
| 14.00 | Structural aspects of ligand binding and activation of class B GPCRs: The secretin family | C. Parthier, Halle         |
| 14.20 | In vivo interaction of CD97 with its ligand CD55  | H. Veninga, Amsterdam      |
| 14.40 | Several ligands for one adhesion GPCR?  | E. Wandel, Leipzig         |
| 15.00 | Working mechanism of CD97 antibodies in vivo<br><i>Coffee break</i>                       | J. Hamann, Amsterdam       |

#### Session IV: From biology to the clinic and back

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|-------|---|----------------------|
| 15.50 | Characterization of Adhesion GPCR Group IV: Tumor Endothelial Marker 5 (TM5/GPR124) | M. Vallon, Munich    |
| 16.10 | Genetic variation in GPR133 is associated with height                               | P. Kovacs, Leipzig   |
| 16.35 | GPR56: from bilateral frontoparietal polymicrogyria (BFPP) to the immune system     | C.-C.Hsiao, Tao Yuan |
| 16.55 | The role of CD97 in cancer progression  | Y. Ward, Bethesda    |

#### Summary and concluding remarks

T. Schöneberg, Leipzig

19.00 Guided city tour

20.00 Dinner in the Cafe Gloria (Thomaskirchhof 15; Bach-Museum)

#### More information:

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