

2nd EGF-TM7 Workshop

March 19, 2004 in Leipzig, Villa Tillmanns

8.30 Welcome Note

Session I: Processing and ligand interactions

- 8.35 LNB-TM7 receptors: introduction and the identification of the cellular ligand for EMR2 and CD97 Martin Stacey, Oxford
- 9.10 Chondroitin sulfate binding by CD97 facilitates a specific interaction with B cells Mark Kwakkenbos, Edinburgh
- 9.30 N-glycosylation of CD97 within the EGF domains is crucial for epitop accessibility and CD55 ligand binding Manja Wobus, Leipzig
- 9.50 Proteolytic cleavage of EMR2 reveals a novel mechanism for the post-translational modification of the GPS motif-containing cell surface proteins Hsi-Hsien Lin, Oxford
- 10.10 Latrophilin, a neuronal receptor with a complex personality Kirill E. Volynski, London
Coffee break

Session II: Function and signaling

- 11.00 Emerging paradigms in G-protein-coupled receptor signalling Torsten Schöneberg, Leipzig
- 11.20 A role for CD97 in neutrophil migration Jörg Hamann, Amsterdam
- 11.40 CD97 in hematopoietic stem cell mobilization Melissa van Pel, Leiden
- 12.00 Functional analyses of CD97: the role of CD97 in angiogenesis and host resistance Kathy Kelly, Bethesda
- 12.20 The macrophage F4/80 receptor is required for the induction of CD8+ regulatory T cells in peripheral tolerance Siamon Gordon, Oxford

Lunch break

Session III: Evolution and cellular distribution

- 1.40 HE6- an unusual LNB-TM7 receptor Heike Obermann-Pless, Hamburg
- 2.00 Rapid evolution of EGF-TM7 receptors in primates Mourad Matmati, Amsterdam
- 2.20 Expression and regulation of CD97 in human retinal pigment epithelial cells Wolfram Eichler, Leipzig
- 2.40 Differential regulation of EMR2 expression in human myeloid cells John Q. Davies, Oxford
- 3.00 Characterization of EMR3 by a novel monoclonal antibody Walter Pouwels, Amsterdam
Coffee break

Session IV: Biomedical implications

- 3.50 CD97 in rheumatoid arthritis Else Kop, Amsterdam
- 4.10 EGF-TM7 receptors in malignancies Gabriela Aust, Leipzig
- 4.35 CD97 and CD55 in medullary thyroid carcinomas Tarek Mustafa, Halle/London
- 4.55 Understanding the growth kinetics of colorectal cell populations: effects of CD97 overexpression Jörg Galle, Leipzig

Summary and Concluding remarks