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REGISTRATION FEES:
Non-Students: EUR 50
Students: free
Boat tour: EUR 50

Targets, Drugs and Carriers
Novel Therapeutic Approaches

May 14-15, 2004
Berlin-Dahlem

PROGRAM
Friday, May 14, 2004

08:15  Registration, put up posters

09:00  Opening ceremony

ANTIINFLAMMATORY ACTIVITY
Chair: Kerstin Danker (Berlin), Rudolf Tauber (Berlin)

09:15  Thomas Ruzicka (Düsseldorf)
New molecular targets in inflammatory skin diseases

10:00  Konrad Sandhoff (Bonn)
Sphingolipids as functional components of cell membranes and of the epidermal barrier for water

10:45  Dieter Steinhilber (Frankfurt/M.)
Mechanism of induction of 5-lipoxygenase gene expression by 1,25-dihydroxyvitamin D₃ and transforming growth factor-β

11:30  Coffee break

11:50  Dietmar Vestweber (Münster)
Molecular mechanisms controlling endothelial permeability and leukocyte extravasation

12:35  Josef M. Pfeilschifter (Frankfurt/M.)
Matrix-metabolizing enzymes as prime targets of redox regulation by nitric oxide

13:20  Lunch

INTERACTION WITH MEMBRANES AND NATURAL BARRIERS
Chair: Oliver Liesenfeld (Berlin), Beate Röder (Berlin)

14:30  Hans E. Junginger, J. Coos Verhoef (Leiden)
Novel carriers for peroral peptide delivery and absorption

15:15  Britta Engelhardt (Münster)
Molecular mechanisms of T Cell migration across the blood-brain barrier in vitro and in vivo

16:00  Alfred Blume (Halle)
Interactions of polar and amphipathic molecules with lipid model membranes

16:45  Sven Krüger (Berlin)
Application of addressable light patterns to gather information of cellular systems

18:00  Boat tour

Saturday, May 15, 2004

INFLUENCING HYPERPROLIFERATIVE AND FIBROTIC DISEASES
Chair: Ronald Gust (Berlin), Werner Reutter (Berlin)

09:00  Gert Fricker (Heidelberg)
Taxol – new therapeutic options for the treatment of brain tumors

09:45  Horst Kunz (Mainz)
Synthetic glycopeptides – candidates for the development of antiinflammatory and antitumor drugs

10:30  Hans Merk (Aachen)
Chemoprevention of skin cancer – from xenobiotica metabolism to new drug targets

11:15  Coffee break

11:35  Rolf W. Hartmann (Saarbrücken)
Identification of a novel target (CYP11B2) for the treatment of cardial fibrosis and first drug discovery results

12:20  Anita Roberts (Bethesda, MD)
Inhibition of Smad3 – a novel therapeutic approach to prevention of fibrotic sequelae?

13:05  Closing ceremony