

Plenary Lecture 2

Room A October 3 (Wed.) 8 : 45~ 9 : 45

Chair : Hiroyuki Kusuvara Graduate School of Pharmaceutical Sciences,
University of Tokyo
Yukio Kato Faculty of Pharmaceutical Sciences, Kanazawa
University

PL-02

Current vision and future direction of transporter research

Matthias Hediger

Institute of Biochemistry and Molecular Medicine, Universitat Bern, Switzerland



He studied Biochemistry at the Swiss Federal Institute of Technology, Zurich, Switzerland. At the University of California Los Angeles, he developed the expression cloning technique for membrane transport proteins. During the following 15 years, he was a junior faculty member of Harvard Medical School. Hereafter, he became Professor and Director of the Institute of Biochemistry and Molecular Medicine, University of Bern, Switzerland. His research focusses on medically relevant SLC solute carriers and ion channels that facilitate transport of Fe, Zn, Ca, amino acid, vitamins, uric acid, peptides und/or drugs across cell membranes. He published over 200 papers, obtained patents and received the 2004 Rank Prize in Nutritional Sciences. To advance pharmaceutical applications in the transporter field, he established NCCR TransCure and the BioParadigms biannual conference series. He serves as Special Advisor on SLCs to the HUGO Gene Nomenclature Committee and hosts a genomic resource of all HUGO-approved SLC families