

**Symposia of the 125<sup>th</sup> Annual Meeting of the Pharmaceutical Society of Japan**

**S39 Frontier Pharmaceutics to be Explored by Young Scientists: Novel therapeutic approach using cell thchnologies**

**S39-1 Molecular mechanism of membrane transport at the inner blood-retinal barrier and its application to the retinal drug delivery**

Masatoshi Tomi (Faculty of Pharmaceutical Sciences, Toyama Medical and Pharmaceutical University)

**S39-2 Development of bioartificial organs utilizing three-dimensionally cultured cells**

Hirotooshi Miyoshi (Inst Basic Med Sci, University of Tsukuba)

**S39-3 Current progress and the future of ES cell research for CNS regeneration**

Takuya Shimazaki (Keio Univ. School of Medicine)

**S39-4 Nuclear reprogramming of somatic cells and its biomedical applications**

Takashi Tada (Stem Cell Engineering, Institute for Frontier Medical Sciences, Kyoto University)

**S39-5 Anti-cancer therapy with NK4 (HGF-antagonist / angiogenesis inhibitor): mechanisms and significance**

Kunio Matsumoto (Graduate School of Medicine, Osaka University)

**S39-6 Optimization of cancer immunotherapy by cell delivery system**

Shinsaku Nakagawa (Graduate School of Pharmaceutical Sciences, Osaka University)