

Membrane Lipid Transporter Symposium 2018

Flippases, Floppases and Scramblases

Sep 27–28

at Kyoto University iCeMS
Main Building 2F Seminar Room

Free to participate
No registration required



Asymmetric distribution of phospholipids across the plasma membrane and its local changes are important for cell functions. Molecular identities of lipid flippases, floppases and scramblases have been identified and their physiological roles are being revealed.

Furthermore, cholesterol, another main component of the plasma membrane, is also distributed asymmetrically and its temporal regulation is important for the modulation of various cellular functions. This symposium is aiming a paradigm shift of the concept of the plasma membrane by achieving a comprehensive understanding of membrane lipid transporters such as flippases, floppases and scramblases.

Wonhwa Cho U of Illinois at Chicago, USA

Toyoshi Fujimoto Nagoya U

Todd Graham Vanderbilt U, USA

Sanja Jelic Columbia U, USA

Toshihide Kobayashi U of Strasburg, France

Katsumori Segawa Osaka U

Hye-Won Shin Kyoto U

Jun Suzuki Kyoto U

Alan Tall Columbia U, USA

Kazuma Tanaka Hokkaido U

Kazumitsu Ueda Kyoto U

Masato Umeda Kyoto U

Rikiya Watanabe U of Tokyo

Patrick Williamson Amherst College, USA

Hosted by:

Japan Society for the Promotion of Science

Kakenhi Kiban (S) "Uncovering the secrets of lipid-transporting ABC proteins"

iCeMS, Kyoto University Institute for Advanced Study



For details:

u.kyoto-u.jp/mlt2018

