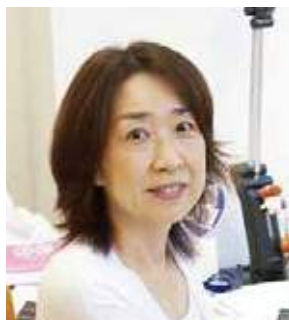


Role of phospholipids and transport proteins in the organization and interplay of ER subdomains

Roles of
Membrane Contact Sites in
Organelle Dynamics and
Diseases



Katsuko Tani, Ph.D.

Professor

Laboratory of Cell Signaling, School of Life Sciences,
Tokyo University of Pharmacy and Life Sciences.



ORGANELLA

Tokyo University of
Pharmacy and
Life Sciences

Research summary

The endoplasmic reticulum (ER) is a multifunctional organelle with various subdomains. Proper localization of lipids and proteins is essential for the formation of these subdomains. In this project, I plan to analyze the localization, movement, and dynamics of phospholipids and proteins in each subdomain and disclose the interplay between the MAM and other ER subdomains.

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