（１） 原著論文(accept)を含む ／ Original Papers

1. T. Tsutsui, A. Nakano, and T. Ueda: “The plant-specific RAB5 GTPase ARA6 is required for starch and sugar homeostasis in Arabidopsis thaliana,” Plant Cell Physiol. 56, 1073-1083 (2015) .
2. M. Iwai, M. Yokono, and A. Nakano. “Toward understanding the multiple spatiotemporal dynamics of chlorophyll fluorescence,” Plant Signal. Behav. 10, e1022014 (2015) .
3. K. Nakanishi, K. Kakiguchi, S. Yonemura, A. Nakano, and N. Morishima: “Transient Ca^{2+} depletion from the endoplasmic reticulum is critical for skeletal myoblast differentiation,” FASEB J. 29, 2137-2149 (2015) .
4. A. Baral, N. G. Irani, M. Fujimoto, A. Nakano, S. Mayor and M. K. Mathew: “Salt induced remodelling of spatially restricted clathrin-independent endocytic pathways in Arabidopsis root” Plant Cell 27, 1297-1315 (2015) .
5. T. Kanazawa, A. Era, N. Minamino, Y. Shikano, M. Fujimoto, T. Uemura, R. Nishihama, K. T. Yamato, K. Ishizaki, T. Nishiyama, T. Kohchi, A. Nakano, and T. Ueda: “SNARE molecules in Marchantia polymorpha: unique and conserved features of the membrane fusion machinery,” Plant Cell Physiol. 57, 307-324 (2016) .
6. M. Sunada, T. Goh, T. Ueda, and A. Nakano: “Functional analyses of the plant-specific C-terminal region of VPS9a: the activating factor for RAB5 in Arabidopsis thaliana,” J. Plant Res. in press.
7. K. Ishii, H. Enda, M. Noda, M. Kajino, A. Kim, E. Kurimoto, K. Sato, A. Nakano, Y. Kobayashi, H. Yagi, S. Uchiyama, and K. Kato: “pH-dependent assembly and segregation of the coiled-coil segments of yeast putative cargo receptors Emp46p and Emp47p,” PLOS ONE in press.
8. E. Ito, T. Uemura, T. Ueda, and A. Nakano: “Distribution of RAB5-positive multivesicular endosomes and the trans-Golgi network in root meristematic cells of *Arabidopsis thaliana*,” Plant Biotech. in press.

（２） 著書・解説など ／ Book Editions, Review Papers

1. D. G. Robinson, F. Brandizzi, C. Hawes, and A. Nakano. Vesicles *versus* tubes: is ER-Golgi transport in plants fundamentally different from other eukaryotes? Plant Physiol. 168, 393-406. (2015)

（３） 招待講演 ／ Invited Talks

1. A. Nakano: “Super-resolution live imaging approach to understanding ER-Golgi and intra-Golgi cargo transport,” Gordon Research Conference on Molecular

Membrane Biology. Andover, NH, USA, July 13. (2015)

2. A. Nakano: “Super-resolution confocal live imaging microscopy (SCLIM) as a tool to understand mechanisms of membrane trafficking. Symposium “Spatial Distribution of Cellular Processes,” 23rd Congress of the International Union of Biochemistry and Molecular Biology, Foz do Iguaçu, Brazil, August 26. (2015)
3. A. Nakano: “Super-resolution live imaging approach to understanding molecular mechanisms of membrane traffic,” Commemorative Symposium for the 31st International Prize for Biology “New horizons in life science through advances in cell biology,” Kyoto, Japan, December 5. (2015)

（４） 会議、シンポジウム、セミナー主催 ／ Meeting, Symposiums and Seminars

1. RIKEN Seminar “Cell Biology and 4D Imaging,” Wako, June 29, (2015)

（５） 特筆すべき事項・トピックス（雑誌表紙などの掲載記事）／ Topics

1. 「理研ニュース」8 月号「研究最前線」細胞内のタンパク質の輸送システムをライブセル 4 次元イメージングで解明する