

## (1) 原著論文 (accept) を含む / Original Papers

1. Rodriguez-Gallardo, S., Sabido-Bozo, S., Ikeda, A., Araki, M., Okazaki, K., Nakano, M., Aguilera-Romero, A., Cortes-Gomez, A., Lopez, S., Waga, M., Nakano, A., Kurokawa, K., Muñiz, M., and Funato, K.: “Quality-controlled lipid-based protein sorting into selective ER exit sites”, *Cell Rep.* in press.
2. Hasegawa, Y., Reyes, T.H., Uemura, T., Baral, A., Fujimaki, A., Luo, Y., Morita, Y., Saeki, Y., Maekawa, S., Yasuda, S., Mukuta, K., Fukao, Y., Tanaka, K., Nakano, A., Takagi, J., Bhalerao, R., Yamaguchi, J., and Sato, T.: “TGN/EE SNARE protein SYP61 and ubiquitin ligase ATL31 cooperatively regulate carbon/nitrogen-nutrient responses in Arabidopsis”, *Plant Cell* 34, 1354-1374 (2022).
3. Shimizu, Y., Takagi, J., Ito, E., Ito, Y., Ebine, K., Komatsu, Y., Goto, Y., Sato, M., Toyooka, K., Ueda, T., Kurokawa, K., Uemura, T., and Nakano, A.: “Cargo sorting zones in the trans-Golgi network visualized by super-resolution confocal live imaging microscopy in plants”, *Nat. Commun.* 12, 1901 (2021).
4. Rizzo, R., Russo, D., Kurokawa, K., Sahu, P., Lombardi, B., Supino, D., Zhukovsky, M.A., Vocat, A., Pothukuchi, P., Kunnathully, V., Capolupo, L., Boncompain, G., Vitagliano, C., Marino, F.Z., Aquino, G., Montariello, D., Henklein, P., Mandrich, L., Botti, G., Clausen, H., Mandel, U., Yamaji, T., Hanada, K., Budillon, A., Perez, F., Parashuraman, S., Hannun, Y.A., Nakano, A., Corda, D., D’Angelo, G., and Luini, A.: “Golgi maturation-dependent glycoenzyme recycling controls glycosphingolipid biosynthesis and cell growth via GOLPH3”, *EMBO J.* 40, e107238 (2021).

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

1. Nakano, A., “The Golgi apparatus and its next-door neighbors”, *Frontiers Cell Dev. Biol.* in press.
2. Tojima, T., Miyashiro, D., Kosugi, Y., Nakano, A., “Super-resolution live imaging of cargo traffic through the Golgi apparatus in mammalian cells”, *Methods Mol. Biol.* in press.
3. Rodriguez-Gallardo, S., Kurokawa, K., Sabido-Bozo, S., Cortes-Gomez, A., Perez-Linero, A.M., Aguilera-Romero, A., Lopez, S., Waga, M., Nakano, A., Muñiz, M., “Assay for dual cargo sorting into endoplasmic reticulum exit sites imaged by 3D super-resolution confocal live imaging microscopy (SCLIM)”, *PLOS ONE* 16, e0258111 (2021).

4. 中野明彦, “分子夾雑の細胞生物学”, CSJ カレントレビュー, 印刷中.
5. 黒川量雄, 宮代大輔, 中野明彦, “超解像ライブイメージング顕微鏡 SCLIM の開発と SCLIM の多色 4D ライブセルイメージングによるゴルジ体タンパク質輸送機構の解明”, レーザー研究, 49, 271-275 (2021).
6. 田沼精一, 中野明彦 (監修), “学びなおし 中学・高校の生物”, Newton 別冊, ニュートンプレス (2022).
7. 田沼精一, 中野明彦ほか (協力), “ゼロからわかる人体と細胞 (改訂第 2 版)”, Newton 別冊, ニュートンプレス (2022).

### (3) 招待講演 / Invited Talks

1. Nakano, A., “Super-resolution confocal live imaging microscopy (SCLIM) as a powerful tool for exosome research”, Symposium on Extracellular Fine Particles: Chemistry, Biology, and Biomedical Applications, Pacificchem 2021 (The International Chemical Congress of Pacific Basin Societies 2021), On-line, December 21 (2021).
2. Nakano, A., “Golgi apparatus and its next-door neighbors”, EMBO | Japan Virtual Lectures, On-line, August 31 (2021).

### (4) 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. 中野明彦, “膜” ~それは生命の真理”, NHK BS プレミアム「ヒューマニエンス 40 億年のたくらみ」, 2022 年 4 月 5 日.