

10. Department of Biochemistry and Cell biology

- 1) Hagiwara, K., Hara, H., Hanada, K.: Species-barrier phenomenon in prion transmissibility from a viewpoint of protein science. (Review) *J. Biochem.* 153, 139-145, 2013
- 2) Matsuura, Y., Ishikawa, Y., Somerville, R.A., Yokoyama, T., Hagiwara, K., Yamakawa, Y., Sata, T., Kitamoto, T., Mohri, S.: A rapid bioassay for classical and L-type bovine spongiform encephalopathies. *Open J. Vet. Med.* 3, 79-85, 2013
- 3) Gu, C., Banasavadi-Siddegowda, Y.K., Joshi, K., Nakamura, Y., Kurt, H., Gupta, S., Nakano, I.: Tumor-specific activation of the C-JUN/MELK pathway regulates glioma stem cell growth in a p53-dependent manner. *Stem Cells* 31, 870-881, 2013
- 4) Miyazaki, K., Sakuma, K., Kawamura, Y. I., Izawa, M., Ohmori, K., Mitsuki, M., Yamaji, T., Hashimoto, Y., Suzuki, A., Saito, Y., Dohi, T., Kannagi, R.: Colonic epithelial cells express specific ligands for mucosal macrophage immunosuppressive receptors siglec-7 and -9. *J. Immunol.* 188, 4690-4700, 2012
- 5) Sugiki, T., Takeuchi, K., Yamaji, T., Takano, T., Tokunaga, Y., Kumagai, K., Hanada, K., Takahashi, H., Shimada, I.: Structural basis for the Golgi association by the pleckstrin homology domain of the ceramide trafficking protein (CERT). *J. Biol. Chem.* 287, 33706-33718, 2012
- 6) Hullin-Matsuda, F., Tomishige, N., Sakai, S., Ishitsuka, R., Ishii, K., Makino, A., Greimel, P., Abe, M., Laviad, E. L., Lagarde, M., Vidal, H., Saito, T., Osada, H., Hanada, K., Futerman, A. H., Kobayashi, T.: Limonoid compounds inhibit sphingomyelin biosynthesis by preventing CERT protein-dependent extraction of ceramides from the endoplasmic reticulum. *J. Biol. Chem.* 287, 24397-24411, 2012
- 7) Pratt, S., Wansadhipathi-Kannangara, N. K., Bruce, C. R., Mina, J. G., Shams-Eldin, H., Casas, J., Hanada, K., Schwarz, R. T., Sonda, S., Denny, P. W.: Sphingolipid synthesis and scavenging in the intracellular apicomplexan parasite, *Toxoplasma gondii*. *Mol. Biochem. Parasitol.* 187, 43-51, 2013
- 8) Murakami, Y., Fukasawa, M., Kaneko, Y., Suzuki, T., Wakita, T. and Fukazawa, H.: Selective estrogen receptor modulators inhibit hepatitis C virus infection at multiple steps of the virus lifecycle. *Microbes and Infection* 15, 45-55, 2013
- 9) Suzuki, A., Kogo, R., Kawahara, K., Sasaki, M., Nishio, M., Maehama, T., Sasaki, T., Mimori, K., Mori, M.: A new PICTURE of nucleolar stress. *Cancer Sci.* 103, 632-637, 2012
- 10) Umebayashi, H., Mizokami, A., Matsuda, M., Harada, K., Takeuchi, H., Tanida, I., Hirata, M., Kanematsu, T.: Phospholipase C-related catalytically inactive protein, a novel microtubule-associated protein 1 light chain 3-binding protein, negatively regulates autophagosome formation. *Biochem Biophys Res Commun.* 432, 268-274, 2013
- 11) Klionsky, D.J., Tanida, I. (1274人中1082人目), *et al.*: Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy* 8, 445-544, 2012