

15 . Division of Radiological Protection and Biology

- 1) Goto S. G., Ueda H., Ueda C., Katagiri C., Fatty acids of membrane phospholipids in *Drosophila melanogaster* lines showing rapid and slow recovery from chill coma. *Biochem. Biophys. Res. Comm.*, **391**, 1251-1254, 2010.
- 2) Sakudoh T., Nakashima T., Kuroki Y., Fujiyama A., Kohara Y., Honda N., Fujimoto H., Shimada T., Nakagaki M., Banno Y., Tsuchida K., "Diversity in copy number and structure of a silkworm morphogenetic gene as a result of domestication", *Genetics*. **187**, 965-76. 2011.
- 3) Sassa A., Niimi N., Fujimoto H., Katafuchi A., Grúz P., Yasui M., Gupta R.C., Johnson F., Ohta T. and Nohmi T., "Phenylalanine 171 is a molecular brake for translesion synthesis across benzo[a]pyrene-guanine adducts by human DNA polymerase kappa", *Mut. Res.*, **718**, 10-17, 2011.
- 4) Goto S. G., Katagiri C., Effects of acclimation temperature on membrane phospholipids in the flesh fly *Sarcophaga similis*. *Entomol. Sci.*, **14**, 224-229, 2011.
- 5) Ikeno T., Katagiri C., Numata H., Goto S. G., Causal involvement of *mammalian-type cryptochrome* in the circadian cuticle deposition rhythm in the bean bug *Riptortus pedestris*. *Insect Molec. Biol.*, **20**, 409-415, 2011.