

## Major Publications 2023 and after

Azuma K, Ikeda K, Shiba S, Sato W, Horie K, Hasegawa T, Amizuka N, Tanaka S, Inoue S. EBAG9-deficient mice display decreased bone mineral density with suppressed autophagy. *iScience*. 2024 Jan 11;27(2):108871. doi:10.1016/j.isci.2024.108871. PMID: 38313054; PMCID: PMC10835455.

Kobayashi A, Azuma K, Takeiwa T, Kitami T, Horie K, Ikeda K, Inoue S. A FRET-based respirasome assembly screen identifies spleen tyrosine kinase as a target to improve muscle mitochondrial respiration and exercise performance in mice. *Nat Commun*. 2023 Jan 25;14(1):312. doi: 10.1038/s41467-023-35865-x. PMID:36697396; PMCID: PMC9877034.

Yoh K, Ikeda K, Horie K, Inoue S. Roles of Estrogen, Estrogen Receptors, and Estrogen-Related Receptors in Skeletal Muscle: Regulation of Mitochondrial Function. *Int J Mol Sci*. 2023 Jan 17;24(3):1853. doi: 10.3390/ijms24031853. PMID: 36768177; PMCID: PMC9916347.