Masaya Imoto

CMI-P-19

Professor, Juntendo University (Japan)
Email: m.imoto.xz@juntendo.ac.jp
Website: https://www.sciencedirect.com/author/7102778634/masaya-imoto
Social Media: -

Research Keywords

Cell biology, Biochemistry, Chemical biology

Academic Career

Received an M.S. from Yamaguchi University in 1980, and a Ph. D. from the University of Tokyo in 1988.
Instructor (1989-1991), Assistant professor (1991-1996), Associate Professor (1996-2002) and Professor (2002-2020) of Keio University,
2020 to date: Emeritus Professor of Keio University and Professor of Juntendo University Graduate School of Medicine

Selected Publications

Takei T et al Ubiquilin-2 liquid droplets catalyze α-synuclein fibril formation. EMBO J Accepted (2025)

Date Y, et al Novel autophagy inducers by accelerating lysosomal clustering against Parkinson's disease. Elife. 13:e98649. (2024)

Kataura T, et al Targeting the autophagy-NAD axis protects against cell death in Niemann-Pick type C1 disease models. Cell Death Dis. 15(5):382. (2024)

Kataura T et al Autophagy promotes cell survival by maintaining NAD levels. Dev Cell. 57:2584-2598 (2022).

Sasazawa Y et al, Oxidative stress-induced phosphorylation of JIP4 regulates lysosomal positioning in coordination with TRPML1 and ALG2. EMBO J. 41:e111476. (2022)

Kataura T, et al A chemical genomics-aggrephagy integrated method studying functional analysis of autophagy inducers. Autophagy 17:1856-1872 (2021)

Mizotani Y et al 14-3-3εa directs the pulsatile transport of basal factors towards the apical domain for lumen growth in tubulogenesis. Proc. Natl. Acad. Sci. USA, 115(38):E8873-E8881 (2018)

Saito S, et al. A new-type of Androgen Receptor (AR) Antagonist, that overcomes resistance to AR-targeted Therapy. Angewandte Chemie Int. Ed. 55(8):2728-32 (2016)

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