

Tamaki Suganuma, Ph. D

Research Investigator

Education

April 1997 to March 2001: Department of Molecular Embryology, Graduate School, Tokyo Medical and Dental University, Tokyo, Japan.

Awarded the degree of Ph.D. for a thesis entitled "Suppression of Tumor Cell Growth by Reintroduction of p300." Work supervised by Dr. Masa-Aki Ikeda.

Publications

1. Suganuma, T.*, Huzaifa Hassan, Selene K Swanson, Sunil Laxman, and Workman, J. L. (2026), Altered transposon element-derived genes distort oxygen free radical scavenger systems in FXD, *NAR molecular medicine* 3(1), ugag010, 1-13. (*corresponding author)
2. Suganuma, T.*, Huzaifa Hassan, Madelaine Gogol, and Workman, J. L. (2024), CG composition in transposon-derived genes is increased in FXD with perturbed immune system, *NAR molecular medicine* 1, ugae015, 1-13. (*corresponding author)
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4. Suganuma, T.* (2022), Beyond Moco Biosynthesis—Moonlighting Roles of MoaE and MOCS2. *molecules* 27, 3733. (*corresponding author)
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7. Church, M.C., Workman, J. L., and Suganuma, T.* (2021) (*corresponding author). Macrophages, Metabolites, and Nucleosomes: Chromatin at the Intersection between Aging and Inflammation, *International Journal of Molecular Sciences*. 22 (19), 10274.
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11. Suganuma, T*., and Workman, J.L. (2018). Chromatin and Metabolism. *Annual review of biochemistry* 87, 27-49. (*corresponding author)
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13. Suganuma, T*., and Workman, J.L. (2016). Histone modification as a reflection of

- metabolism. *Cell Cycle* 15, 481-482. (*corresponding author)
14. Suganuma, T.*, Swanson, S.K., Florens, L., Washburn, M.P., and Workman, J.L. (2016). Moco biosynthesis and the ATAC acetyltransferase engage translation initiation by inhibiting latent PKR activity. *Journal of molecular cell biology* 8, 44-50. (*corresponding author)
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37. Ohshima, T**., Suganuma, T**., and Ikeda, M. (2001). A novel mutation lacking the bromodomain of the transcriptional coactivator p300 in the SiHa cervical carcinoma cell line. *Biochemical and biophysical research communications* *281*, 569-575. **These authors contributed equally to this work.

Publications online

1. Tamaki Suganuma* (2010). The ATAC Acetyltransferase Complex Coordinates MAP kinases to regulate JNK Target Genes., A First Author Review of Life Science Current Research in Top Journal, Japan. (*corresponding author)