

## Joonseok Cho

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### Publications

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#### PUBLICATIONS

- **Antibody toolkit to investigate eEF1A methylation dynamics in mRNA translation elongation.** *The Journal of biological chemistry*  
Mealey-Farr, R., Jeong, J., Park, J., Liu, S., Hausmann, S., Francis, J. W., Angulo Ibanez, M., Cho, J., Chua, K., Mazur, P. K., Gozani, O.  
2023; 104747
- **Osteoblastic Wntless deletion differentially regulates the fate and functions of bone marrow-derived stem cells in relation to age.** *Stem cells (Dayton, Ohio)*  
Poudel, S. B., So, H. S., Sim, H. J., Cho, J. S., Cho, E. S., Jeon, Y. M., Kook, S. H., Lee, J. C.  
2021; 39 (1): 103-114
- **H<sup>+</sup> transport is an integral function of the mitochondrial ADP/ATP carrier** *NATURE*  
Bertholet, A. M., Chouchani, E. T., Kazak, L., Angelin, A., Fedorenko, A., Long, J. Z., Vidoni, S., Garrity, R., Cho, J., Terada, N., Wallace, D. C., Spiegelman, B. M., Kirichok, et al  
2019; 571 (7766): 515-+
- **Expansion of myeloid-derived suppressor cells with aging in the bone marrow of mice through a NF- $\kappa$ B-dependent mechanism.** *Aging cell*  
Flores, R. R., Clauson, C. L., Cho, J., Lee, B., McGowan, S. J., Baker, D. J., Niedernhofer, L. J., Robbins, P. D.  
2017; 16 (3): 480-487
- **Mitochondrial ATP transporter depletion protects mice against liver steatosis and insulin resistance** *NATURE COMMUNICATIONS*  
Cho, J., Zhang, Y., Park, S., Joseph, A., Han, C., Park, H., Kalavalapalli, S., Chun, S., Morgan, D., Kim, J., Someya, S., Mathews, C. E., Lee, et al  
2017; 8
- **Macrophage-released ADAMTS1 promotes muscle stem cell activation.** *Nature communications*  
Du, H. n., Shih, C. H., Wosczyzna, M. N., Mueller, A. A., Cho, J. n., Aggarwal, A. n., Rando, T. A., Feldman, B. J.  
2017; 8 (1): 669
- **HoxB1nc RNA Recruits Set1/MLL Complexes to Activate Hox Gene Expression Patterns and Mesoderm Lineage Development** *CELL REPORTS*  
Deng, C., Li, Y., Zhou, L., Cho, J., Patel, B., Terada, N., Li, Y., Bungert, J., Qiu, Y., Huang, S.  
2016; 14 (1): 103-114
- **Mitochondrial ATP transporter Ant2 depletion impairs erythropoiesis and B lymphopoiesis** *CELL DEATH AND DIFFERENTIATION*  
Cho, J., Seo, J., Lim, C. H., Yang, L., Shiratsuchi, T., Lee, M., Chowdhury, R. R., Kasahara, H., Kim, J., Oh, S. P., Lee, Y. J., Terada, N.  
2015; 22 (9): 1437-1450
- **Purinergic P2Y(14) receptor modulates stress-induced hematopoietic stem/progenitor cell senescence** *JOURNAL OF CLINICAL INVESTIGATION*  
Cho, J., Yusuf, R., Kook, S., Attar, E., Lee, D., Park, B., Cheng, T., Scadden, D. T., Lee, B. C.  
2014; 124 (7): 3159-3171
- **The nucleotide sugar UDP-glucose mobilizes long-term repopulating primitive hematopoietic cells** *JOURNAL OF CLINICAL INVESTIGATION*  
Kook, S., Cho, J., Lee, S. B., Lee, B.  
2013; 123 (8): 3420-3435
- **The purinergic P2Y(14) receptor axis is a molecular determinant for organism survival under in utero radiation toxicity** *CELL DEATH & DISEASE*

Kook, S. H., Cho, J. S., Morrison, A., Wiener, E., Lee, S. B., Scadden, D., Lee, B.  
2013; 4

- **Cytotoxicity of recombinant immunotoxin containing lectin A chain from Korean mistletoe** *MOLECULAR & CELLULAR TOXICOLOGY*  
Cho, J., Kim, I., Jeong, J., Jung, S., Kang, T., Kim, J.  
2013; 9 (1): 29–36
- **Cell Autonomous and Nonautonomous Mechanisms Drive Hematopoietic Stem/progenitor Cell Loss in the Absence of DNA Repair** *STEM CELLS*  
Cho, J. S., Kook, S. H., Robinson, A. R., Niedernhofer, L. J., Lee, B.  
2013; 31 (3): 511-525
- **Ewing sarcoma gene Ews regulates hematopoietic stem cell senescence** *BLOOD*  
Cho, J., Shen, H., Yu, H., Li, H., Cheng, T., Lee, S. B., Lee, B. C.  
2011; 117 (4): 1156-1166