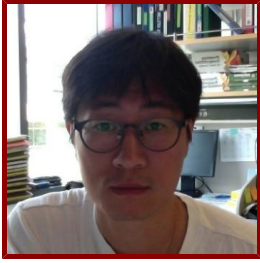


Stanford



Joonseok Cho

Postdoctoral Research Fellow, Endocrinology, Gerontology, and Metabolism

Bio

HONORS AND AWARDS

- T32 Training Grant, NIH (2019 - 2021)
- Dean's Fellowship, School of Medicine, Stanford University (2018)
- 1st Exemplary Graduate Student Award, University of Florida (2016)
- Statewide Graduate Research Symposium (1st Place in Health Science), Florida (2016)
- Nominated by Dean in College of Medicine, 1st Annual Graduate Student Appreciation Week Research Day, University of Florida (2016)
- 41st Medical Guild Competition Award (Silver), University of Florida (2016)
- Travel Award, College of Medicine, Office of Research, Graduate Student Council, University of Florida (2016)
- Travel Award, University of Florida (2015)
- Graduate Scholarship Award, KSEA-GFC (Gainesville Florida Chapter) (2015)
- 21st Annual Outstanding International Student Award, University of Florida (2015)
- Graduate Scholarship Award, KSEA-KUSCO (Korea-U.S. Science Cooperation Center) (2014)
- Travel Award, University of Florida (2013)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Student/Trainee Member, American Heart Association (AHA) (2017 - 2018)
- Graduate Student Member, American Physiological Society (APS) (2016 - 2017)

PROFESSIONAL EDUCATION

- Bachelor of Engineering, Handong Global University (2001)
- Master of Science, Handong Global University (2005)
- Doctor of Philosophy, University of Florida (2016)

STANFORD ADVISORS

- Katrin Chua, Postdoctoral Faculty Sponsor
- Katrin Chua, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **H⁺ 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- κ 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