

Curriculum Vitae

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PUBLICATIONS (1st author)

1. **Yoon JH***, Kim YH*, Jeong EY[†], Lee YH[‡], Byun Y, Shin SS[†], Park JT[†] (Sep 14, 2024) Senescence Rejuvenation through Reduction in Mitochondrial Reactive Oxygen Species Generation by *Polygonum cuspidatum* Extract: In Vitro Evidence (*: co-first author, [†]: co-second author, [‡]: co-corresponding author) **Antioxidants** 13(9): 1110

PUBLICATIONS (Co-author)

1. Park JH*, Lee YH*, Lee KS, Lee YJ, **Yoon JH**, So B, Kim D, Kim M, Kwon HW, Byun Y, Lee KY[†], Park JT[†] (Aug 22, 2025) ε-viniferin rejuvenates senescence via RGS16 regulation. (*: co-first author, [†]: co-corresponding author) **Pharmaceutics** 18(9): 1254
2. Lee YJ*, Song ES*, Lee YH, Lee KS, So B, Park JH, **Yoon JH**, Kim D, Kim M, Kwon HW, Byun Y[†], Lee KY[†], Park JT[†] (Jun 02, 2025) Dehydroacteoside rejuvenates senescence via TVP23C-CDRT4 regulation. (*: co-first author, [†]: co-corresponding author) **Experimental Gerontology** 207: 112800
3. Park JH*, Jeong EY*, Kim YH*, Cha SY, Kim HY, Nam YK, Park JS, Kim SY, Lee YJ, **Yoon JH**, So B, Kim D, Kim M, Byun Y, Lee YH[†], Shin SS[†], Park JT[†] (Apr 23, 2025) Epigallocatechin gallate in *Camellia sinensis* ameliorates skin aging by reducing mitochondrial ROS production. (*: co-first author, [†]: co-corresponding author) **Pharmaceutics** 18(5): 612
4. Lee YH*, Lim H*, Kim G, Jang G, Kuk MU, Park JH, **Yoon JH**, Lee YJ, Kim D, So B, Kim M, Kwon HW, Byun Y[†], Park JT[†] (Apr 16, 2025) Elucidating the role and mechanism of alpha-enolase in senescent amelioration via metabolic reprogramming. (*: co-first author, [†]: co-corresponding author) **Cell proliferation** DOI: 10.1111/cpr.70049
5. So B*, Park JH*, Kim MS, Lee H, **Yoon JH**, Lee YJ, Kim D, Kwon HW, Park J, Han T, Lee YH[†], Park JT[†] (Apr 03, 2025) Rapid and Accurate Genotoxicity Assessment Using the Neutral Comet Assay in *Cyprinus carpio* Cells. (*: co-first author, [†]: co-corresponding author) **Life** 15(4): 603
6. Kuk MU*, Lee YH*, Kim D*, Lee KS, Park JH, **Yoon JH**, Lee YJ, So B, Kim MS, Kwon HW, Lee KY[†], Byun Y[†], Park JT[†] (Feb 20, 2025) Sauchinone ameliorates senescence through reducing mitochondrial ROS production. (*: co-first author, [†]: co-corresponding author) **Antioxidants** 14(3): 259
7. Lee YH, Jeong EY, Kim YH, Park JH, **Yoon GH**, Lee YJ, Lee SH, Nam YK, Cha SY, Park JS, Kim SY, Byun Y[†], Shin SS[†], Park JT[†] (Feb 17, 2025) Identification of senescence rejuvenation mechanism of *Magnolia officinalis* extract including honokiol as a core ingredient. ([†]: co-corresponding author) **Aging** 17(2): 497–523
8. Kuk MU*, Kim D*, Lee YH, **Yoon JH**, Park JH, Lee YJ, So B, Kim MS, Kwon HW, Byun Y[†], Park JT[†] (Nov 28, 2024) Synergistic ROS Reduction Through the Co-Inhibition of BRAF and p38 MAPK Ameliorates Senescence. (*: co-first author, [†]: co-corresponding author) **Antioxidants** 13(12): 1465
9. Kuk MU, So MK, Park JH, **Yoon JH**, Lee YJ, Kim D, So B, Lee YH, Kim M, Byun Y, Kwon HW[†], Park JT[†] (Oct 03, 2024) ROSA26 BAC-based System Enables Continuous High-yield Protein Production. ([†]: co-corresponding author) **Biotechnology and Bioprocess Engineering** 29:1025–1033
10. Lee YH*, Kuk MU*, Park JH*, Lee H, Lee H, So MK, **Yoon JH**, Lee YJ, Kim D, So B, Kim MS, Park J, Han T[†], Park JT[†] (Sep 05, 2024) Rapid and accurate ecotoxicological assessment of heavy metals using *Cyprinus carpio* cells (*: co-first author, [†]: co-corresponding author) **Life** 14(9): 1119

11. Lee YH*, So BH*, Lee KS, Kuk MU, Park JH, **Yoon JH**, Lee YJ, Kim D, Kim MS, Kwon HW, Byun Y†, Lee KY†, Park JT† (Sep 04, 2024) Identification of cellular isoschaftoside-mediated anti-senescence mechanism in RAC2 and LINC00294 (*: co-first author, †: co-corresponding author) **Molecules** 29(17): 4182
12. Song ES, Lee YH, So MK, Kuk MU, Park JH, **Yoon JH**, Lee YJ, Kim D, So B, Byun Y, Kwon HW†, Park JT† (Apr 24, 2024) Establishment of a new promoter trapping vector using 2A peptide. (†: co-corresponding author) **Biotechnology and Bioprocess Engineering** 29(3):520–528
13. Lee YH, Kuk MU, So MK, Park HJ, Song ES, Park J, **Yoon JH**, Kwon HW†, Choi J†, Park JT† (Nov 14, 2023) *Polyporus ulleungus* mycelia cultured in MEB medium produce metabolites with anticancer property. (†: co-corresponding author) **Journal of Cancer** 15(2):309-316

Korean Patent (Filling):

1. 윤지희, 국명옥, 권형욱, 변영주, 김예향, 차소윤, 김하연, 남연경, 정은영, 김소연, 박진성, 신송석, **박준태** (Jan 31, 2025), 세포 노화 및 대사 기능 회복 효능을 갖는 호장근 유래 역노화 조성물, 10-2025-0012464 (출원)
2. 윤지희, 권형욱, 변영주, 이기용, **박준태** (May 02, 2024), 비티신 B 를 유효성분으로 포함하는 항노화 조성물, 10-2024-0058770 (출원)

International Patent (Filling):

1. 윤지희, 국명옥, 권형욱, 변영주, 김예향, 차소윤, 김하연, 남연경, 정은영, 김소연, 박진성, 신송석, **박준태** (Feb 19, 2025), 세포 노화 및 대사 기능 회복 효능을 갖는 호장근 유래 역노화 조성물, PCT/KR2025/099451 (출원)

POSTER PRESENTATION:

1. **Yoon JH**, Park JT (2025) Cellular senescence amelioration of vitisin B: regulation of WBP2NL and its role in oxidative stress reduction, 제 31 차 아시아 · 오세아니아 생화학분자생물학회 (FAOBMB 2025), May 20 ~ May 23, 2025, 생화학분자생물학회
2. **Yoon JH**, Park JT (2024) Identification of the anti-senescence properties mechanism of vitisin B, 16th International Symposium on Natural Sciences, October 10th ~ October 11th, 2024, Research Institute of Basic Sciences, Incheon National University
3. **Yoon JH**, Park JT (2024) Identification of the anti-senescence properties mechanism of vitisin B, International Conference 2024, May 28 ~ May 31, 2024, 생화학분자생물학회