

Curriculum Vitae

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직위:

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Honors and Awards

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| 2025. 10 | Best Poster Award, 17th International Symposium on Natural Sciences |
| 2024. 10 | Best Poster Award, 16th International Symposium on Natural Sciences |

Publication (1st Author)

1. **Yoon JH***, Kim YH*, Jung 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** (2024 IF:6.0) 13(9): 1110

Publication (Co-Author)

1. Kim M*, Park JH*, So B, Lee H, **Yoon JH**, Lee YJ, Kim D, Kwon HW, Park J, Han T, Oh S[†], Lee YH[†], **Park JT[†]** (Oct 29, 2025) Rapid ecotoxicity and genotoxicity assessment using *Macropodus ocellatus* cells . (*: co-first author, †: co-corresponding author) **Toxicological Research** (2025 IF:2.4) accepted
2. 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) **Pharmaceuticals** (2025 IF:4.8) 18(9) 1254
3. 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** (2025 IF:4.3) 207:112800
4. 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) **Pharmaceuticals** (2025 IF:4.8) 2025 18(5), 612
5. 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[†], Lee KY[†], **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** (2025 IF:5.9) 2025; 0:e70049

6. 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** (2025 IF:3.2) 15(4), 603
7. Kuk MU*, Lee YH*, Kim D*, Lee KS, Park JH, Yoon JH, Lee YJ, So B, Kim MS, Kwon HW, Byun Y, Lee KY†, **Park JT**† (Feb 24, 2025) Sauchinone ameliorates senescence through reducing mitochondrial ROS production. (*: these authors contributed equally to this work, †: co-corresponding author) **Antioxidants** (2025 IF:6.0) 14(3): 259
8. Lee YH*, Jeong EY*, Kim YH*, Park JH, Yoon JH, Lee YJ, Lee SH, Nam YK, Cha SY, Park JS, Kim SY, Byun Y†, Shin SS†, **Park JT**† (Jan 29, 2025) Identification of senescence rejuvenation mechanism of *Magnolia officinalis* extract including honokiol as a core ingredient. (*: these authors contributed equally to this work, †: co-corresponding author) **Aging** (2025 IF: 3.9) 17(2): 497–523
9. 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** (2024 IF:6.0) 13(12): 1465
10. 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** (2024 IF: 2.5) 29: 1025–1033
11. Lee YH*, Kuk MU*, Park JH*, Lee H, Lee H, So MK, Yoon JH, Lee YJ, Kim DY, So BH, Kim MS, Park J, Han T†, **Park JT**† (Sep 05, 2024) Rapid and accurate ecotoxicological assessment of heavy metals using *Cyprinus carpio cells*. (*: these authors contributed equally to this work, †: co-corresponding author) **Life** (2024 IF: 3.2) 14(9): 1119
12. Lee YH†, So BH†, Lee KS, Kuk MU, Park JH, Yoon JH, Lee YJ, Kim DY, Kim MS, Kwon HW, Lee KY*, Byun Y*, **Park JT*** (Sep 04, 2024) Identification of cellular anti-senescence mechanism: regulatory of *RAC2* and *LINC00294* mediated by isoschaftoside. (†: these authors contributed equally to this work, *: co-corresponding author) **Molecules** (2024 IF: 4.2) 29(17): 4182
13. Song ES, Lee YH, So MK, Kuk MU, Park J, Yoon JH, Lee YJ, Kim D, So B, Byun Y, Kwon HW†, **Park JT**† (Mar 05, 2024) Establishment of a new promoter trapping vector using 2A peptide. (†: co-corresponding author) **Biotechnology and Bioprocess Engineering** (2024 IF: 2.5) 29: 520–528
14. Lee YH, Kuk MU, So MK, Park HJ, Song ES, Park J, Yoon JH, Kwon HW, Choi J, **Park JT**† (Nov 28, 2023) Discovery of anticancer activity through chemical screening of *Polyporus ulleungus*. (†: co-corresponding author) **Journal of Cancer** (2023 IF: 4.2) 15(2):309-316

Korean Patents (Application)

1. 윤지희, 김두열, 김예향, 정은영, 변영주, 신송석, 박준태 (Sep 30, 2025), 레스베라트롤 유도체를 함유하는 세포 회복용 또는 피부 활력 개선용 화장품 조성물, 10-2025-0141868 (출원)

2. 윤지희, 국명옥, 권형옥, 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)
3. 윤지희, 권형옥, 변영주, 이기용, 박준태 (May 02, 2024), 비티신 B 를 유효성분으로 포함하는 항노화 조성물, 10-2024-0058770 (출원)

International Patents (Application)

1. 윤지희, 국명옥, 권형옥, 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) Resveratrolside Exhibits Potent Anti-senescence and Longevity Effects: A Comparative and Functional Analysis Beyond Resveratrol, 17th International Symposium on Natural Sciences, October 16th ~ October 17th, 2024, Research Institute of Basic Sciences, Incheon National University
2. 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
3. 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
4. Yoon JH, Park JT (2024) Identification of the anti-senescence properties mechanism of vitisin B, International Conference 2024, May 28 ~ May 31, 2024, 생화학분자생물학회