

# Curriculum Vitae

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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)

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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)

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1. Lee YH\*, Jeong EY\*, Kim YH\*, Oh S\*. **Yoon JH**, Park JH, Lee YJ, Kim D, So B, Kim M, Kim SY, Kwon HW, Byun Y, Shin SS†, Park JT† (Jan 15, 2026) Liquid Extract from the bark of *Magnolia officinalis* Rejuvenates Skin Aging Through Mitochondrial ROS Reduction. (\*: co-first author, †: co-corresponding author) **Cosmetics** 13: 22
2. 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) DOI: 10.1007/s43188-025-00325-9
3. 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)  $\epsilon$ -viniferin rejuvenates senescence via RGS16 regulation. (\*: co-first author, †: co-corresponding author) **Pharmaceuticals** (2025 IF:4.8) 18(9) 1254
4. 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

5. Park JH<sup>†</sup>, Jeong EY<sup>†</sup>, Kim YH<sup>†</sup>, Cha SY, Kim HY, Nam YK, Park JS, Kim SY, Lee YJ, **Yoon JH**, So B, Kim D, Kim M, Byun Y, Lee YH<sup>\*</sup>, Shin SS<sup>\*</sup>, **Park JT<sup>\*</sup>** (Apr 23, 2025) Epigallocatechin Gallate in *Camellia sinensis* Ameliorates Skin Aging by Reducing Mitochondrial ROS Production. (<sup>†</sup>: co-first author, <sup>\*</sup>: co-corresponding author) **Pharmaceuticals** (2025 IF:4.8) 2025 18(5), 612
6. Lee YH<sup>\*</sup>, Lim H<sup>\*</sup>, Kim G, Jang G, Kuk MU, Park JH, **Yoon JH**, Lee YJ, Kim D, So B, Kim M, Kwon HW, Byun Y<sup>†</sup>, Lee KY<sup>†</sup>, **Park JT<sup>†</sup>** (Apr 16, 2025) Elucidating the Role and Mechanism of Alpha-Enolase in Senescent Amelioration via Metabolic Reprogramming. (<sup>\*</sup>: co-first author, <sup>†</sup>: co-corresponding author) **Cell proliferation** (2025 IF:5.9) 2025; 0:e70049
7. So B<sup>\*</sup>, Park JH<sup>\*</sup>, Kim MS, Lee H, **Yoon JH**, Lee YJ, Kim D, Kwon HW, Park J, Han T, Lee YH<sup>†</sup>, **Park JT<sup>†</sup>** (Apr 03, 2025) Rapid and Accurate Genotoxicity Assessment Using the Neutral Comet Assay in *Cyprinus carpio* Cells. (<sup>\*</sup>: co-first author, <sup>†</sup>: co-corresponding author) **Life** (2025 IF:3.2) 15(4), 603
8. Kuk MU<sup>\*</sup>, Lee YH<sup>\*</sup>, Kim D<sup>\*</sup>, Lee KS, Park JH, **Yoon JH**, Lee YJ, So B, Kim MS, Kwon HW, Byun Y, Lee KY<sup>†</sup>, **Park JT<sup>†</sup>** (Feb 24, 2025) Sauchinone ameliorates senescence through reducing mitochondrial ROS production. (<sup>\*</sup>: these authors contributed equally to this work, <sup>†</sup>: co-corresponding author) **Antioxidants** (2025 IF:6.0) 14(3): 259
9. Lee YH<sup>\*</sup>, Jeong EY<sup>\*</sup>, Kim YH<sup>\*</sup>, Park JH, **Yoon JH**, Lee YJ, Lee SH, Nam YK, Cha SY, Park JS, Kim SY, Byun Y<sup>†</sup>, Shin SS<sup>†</sup>, **Park JT<sup>†</sup>** (Jan 29, 2025) Identification of senescence rejuvenation mechanism of *Magnolia officinalis* extract including honokiol as a core ingredient. (<sup>\*</sup>: these authors contributed equally to this work, <sup>†</sup>: co-corresponding author) **Aging** (2025 IF: 3.9) 17(2): 497–523
10. Kuk MU<sup>\*</sup>, Kim D<sup>\*</sup>, Lee YH, **Yoon JH**, Park JH, Lee YJ, So B, Kim MS, Kwon HW, Byun Y<sup>†</sup>, **Park JT<sup>†</sup>** (Nov 28, 2024) Synergistic ROS Reduction Through the Co-Inhibition of BRAF and p38 MAPK Ameliorates Senescence. (<sup>\*</sup>: co-first author, <sup>†</sup>: co-corresponding author) **Antioxidants** (2024 IF:6.0) 13(12): 1465
11. Kuk MU, So MK, Park JH, **Yoon JH**, Lee YJ, Kim D, So B, Lee YH, Kim M, Byun Y, Kwon HW<sup>†</sup>, **Park JT<sup>†</sup>** (Oct 03, 2024) ROSA26 BAC-based System Enables Continuous High-yield Protein Production. (<sup>†</sup>: co-corresponding author) **Biotechnology and Bioprocess Engineering** (2024 IF: 2.5) 29: 1025–1033
12. Lee YH<sup>\*</sup>, Kuk MU<sup>\*</sup>, Park JH<sup>\*</sup>, Lee H, Lee H, So MK, **Yoon JH**, Lee YJ, Kim DY, So BH, Kim MS, Park J, Han T<sup>†</sup>, **Park JT<sup>†</sup>** (Sep 05, 2024) Rapid and accurate ecotoxicological assessment of heavy metals using *Cyprinus carpio* cells. (<sup>\*</sup>: these authors contributed equally to this work, <sup>†</sup>: co-corresponding author) **Life** (2024 IF: 3.2) 14(9): 1119
13. Lee YH<sup>†</sup>, So BH<sup>†</sup>, Lee KS, Kuk MU, Park JH, **Yoon JH**, Lee YJ, Kim DY, Kim MS, Kwon HW, Lee KY<sup>\*</sup>, Byun Y<sup>\*</sup>, **Park JT<sup>\*</sup>** (Sep 04, 2024) Identification of cellular anti-senescence mechanism: regulatory of *RAC2* and *LINC00294* mediated by isoschaftoside. (<sup>†</sup>: these authors contributed equally to this work, <sup>\*</sup>: co-corresponding author) **Molecules** (2024 IF: 4.2) 29(17): 4182
14. Song ES, Lee YH, So MK, Kuk MU, Park J, **Yoon JH**, Lee YJ, Kim D, So B, Byun Y, Kwon HW<sup>†</sup>, **Park JT<sup>†</sup>** (Mar 05, 2024) Establishment of a new promoter trapping vector using 2A peptide. (<sup>†</sup>: co-corresponding author) **Biotechnology and Bioprocess Engineering** (2024 IF: 2.5) 29: 520–528
15. Lee YH, Kuk MU, So MK, Park HJ, Song ES, Park J, **Yoon JH**, Kwon HW, Choi J, **Park JT<sup>†</sup>** (Nov 28, 2023) Discovery of anticancer activity through chemical screening of *Polyporus ulleungus*. (<sup>†</sup>: co-corresponding author) **Journal of Cancer** (2023 IF: 4.2) 15(2):309-316

## Korean Patents (Application)

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1. 윤지희, 김두열, 김예향, 정은영, 변영주, 신송석, 박준태 (Nov 24, 2025), 레스베라트를 유도체를 함유하는 세포 회복용 또는 피부 활력 개선용 화장료 조성물, 10-2025-0179205 (출원)
2. 윤지희, 국명욱, 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)
3. 윤지희, 권형욱, 변영주, 이기용, 박준태 (May 02, 2024), 비티신 B를 유효성분으로 포함하는 항노화 조성물, 10-2024-0058770 (출원)

## International Patents (Application)

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1. 윤지희, 국명욱, 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

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1. Yoon JH, Park JT (2025) Resveratrololoside 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