

Curriculum Vitae

박지호

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학력

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경력

수상

연구실적 <논문> (1st 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** 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) **Pharmaceutics** (2025 IF:4.8) 18(9) 1254
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. 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
5. 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

연구실적 <논문> (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** doi.org/10.1016/j.exger.2025.112800
3. 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
4. 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
5. 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

6. 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
7. Kuk MU, So MK, **Park JH**, Yoon JH, Lee YJ, Kim D, So B, Lee YH, Kim MS, 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** <https://doi.org/10.1007/s12257-024-00158-7>
8. 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
9. 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
10. Lee YH, Kuk MU, So MK, Park HJ, Song ES, **Park JH**, Yoon JH, Kwon HW†, Choi J†, Park JT† (Jan 01, 2024) *Polyporus ulleungus* mycelia cultured in MEB medium produce metabolites with anticancer property. (†: co-corresponding author) **Journal of Cancer** 15(2):309-316
11. Song ES, So MK, Park HJ, Lee H, Lee YH, Kuk MU, **Park JH**, Kwon HW, Choi J†, Park JT† (Jul 09, 2023) Chemical screening identifies the anticancer properties of *Polyporus tuberaster*. (†: co-corresponding author) **Journal of Cancer** 14(11): 2075-2084

연구실적 <국내특허 출원>

1. 박지호, 차소윤, 김하연, 남연경, 정은영, 김소연, 박진성, 이윤행, 권형욱, 변영주, 신송석, 박준태 (Jul 31, 2025), 세노몰픽 및 세놀리틱 효능을 갖는 하동작설 유래 역노화 조성물, 10-2025-0105474 (출원)
2. 김민선, 박지호, 소병현, 이윤행, 이호준, 박지혜, 한태준, 박준태 (Jul 25, 2025), 버들붕어 세포를 이용한 독성물질의 유전독성 평가방법, 10-2025-0101173 (출원)
3. 소병현, 박지호, 김민선, 이윤행, 이호준, 박지혜, 한태준, 박준태 (Jul 25, 2025), 민물고기 세포를 이용한 독성물질의 유전독성 평가방법, 10-2025-0101172 (출원)
4. 박지호, 차소윤, 김하연, 남연경, 정은영, 김소연, 박진성, 이윤행, 권형욱, 변영주, 신송석, 박준태 (Dec 06, 2024), 세노몰픽 및 세놀리틱 효능을 갖는 하동작설 유래 역노화 조성물, 10-2024-0180561 (출원)
5. 박지호, 권형욱, 변영주, 이기용, 박준태 (Apr 30, 2024), ε-비니페린을 유효성분으로 포함하는 항노화 조성물, 10-2024-0057851 (출원)

연구실적 <Poster Presentation>

1. Lee YH, **Park JH** Park JT (2025) Elucidating the mechanism of improving aging through selective death of senescent cells, 17th International Symposium on Natural Sciences, October 16th ~ October 17th, 2025, Research Institute of Basic Sciences, Incheon National University
2. **Park JH**, Park JT (2025) ε-Viniferin Rejuvenates Senescence via RGS16 Regulation: *In Vitro* Evidence, 17th International Symposium on Natural Sciences, October 16th ~ October 17th, 2025, Research Institute of Basic Sciences, Incheon National University
3. **JH**, Park JT (2024) ε-viniferin, which selectively kills cells to prevent senescence, 16th International Symposium on Natural Sciences, October 10th ~ October 11th, 2024, Research Institute of Basic Sciences, Incheon National University
4. **Park JH**, Park JT (2024) ε-viniferin, which selectively kills cells to prevent senescence, International Conference 2024, May 28 ~ May 31, 2024, 생화학분자생물학회

어학성적

1. TOEIC