

Curriculum Vitae

박지호

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학력

2024. 02. 28 인천대학교 분자의생명전공 이학사

경력

수상

연구실적 <논문> (1st 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* (2025 IF:4.8) 18(9) 1254
2. 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
3. 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, 차소운, 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, 차소운, 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. **Park 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
2. **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