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직위: 박사후연구원/Post-doc

소속: 한양대학교/Hanyang University

강연제목: 약물 전달 혁신: 단백질 나노입자를 이용한
안정적이고 효과적인 약물 전달/Revolutionizing Drug
Delivery: Harnessing Protein Nanoparticles for Stability
and Efficac

Abstract:

The safe and stable delivery of various medically useful drugs is an essential requirement for clinical applications. In this regard, I would like to introduce the protein nanoparticle-based drug delivery system that I am using. Through nano carriers composed of pure proteins without other polymer materials, we effectively deliver drugs with good efficacy with elongated half-lives. I aim to guide the enhanced applications in tissue engineering and regenerative medicine through this method, and also discuss its potential application in anti-cancer therapy.

Brief Biosketch

학력/EDUCATION

서울대학교/Seoul National University

- 화학생물공학전공 박사/Ph.D. in Chemical and Biological Engineering
- Advisor: 박태현 교수님/Prof. Tai Hyun Park

서울대학교/Seoul National University

- 동물생명공학전공 학사/B.S. in Animal Biotechnology

연구경력/PROFESSIONAL EXPERIENCES

하버드의과대학 및 보스턴어린이병원/Harvard Medical School & Boston Children's Hospital

- 방문학자/Visiting Scholar, Jan. – Feb. 2024
- Advisor: 크리스찬 브렌델 교수님/Prof. Christian Brendel

한양대학교/Hanyang University

- 박사후연구원/Postdoctoral Fellow, Mar. 2022 – present
- Advisor: 박희호 교수님/Prof. Hee Ho Park

극지연구소/Korea Polar Research Institute

- 연구원/Researcher, May. 2021 – Jan. 2022