
지역혁신 선도연구센터(RLRC) 4차년도 정기세미나

- 일정 : 2023년 11월 29일(수), 16:30~17:30
- 연사 : 고려대학교 약학대학 김한준 교수
- 주제 : 생체재료 및 injectable device
- Abstract :

Every person is unique with different challenges to optimal health—from genetic predisposition to disease to socioeconomic barriers. Advances in material science, biochemistry, biology, and chemical engineering have made numerous promising strategies to meet unmet medical/social needs. In order for such interdisciplinary and multidisciplinary research to lead to the development of innovative and promising biotechnologies for regenerative medicine, and ultimately contribute to health promotion/therapy, toxicity/safety assessment is an essential requirement. Based on this need, this presentation will discuss preclinical studies centered on disease animal models. In particular, we will discuss the utilization of disease animal models to evaluate technologies designed by researchers with expertise in various backgrounds (electrical engineering, materials engineering, biomedical engineering, etc.). Furthermore, we will discuss the setup and analysis methods of disease animal models according to the characteristics of newly developed technologies. We will also focus on some future prospects of this field, which is emerging through the integration of various technologies.

