

# ● Luncheon Symposium

\*Korean

RES

November 5 (Fri), 12:40 -13:30, Baekrok Hall (1F)

## Research Ethics Symposium

Organizer & Chair : Murim Choi, Ph.D. (Seoul National University, Korea)

Recent advancements in biological sciences provide more avenues to convert the discoveries into applications. During the process, the researchers are required to be well-informed about the legal requirement, guides, and patent processes. This symposium focuses

on legal aspects of research integrity by professor Ju-Hong Jeon (Seoul National University) and practical information on patent by patent attorney Myoungsuk Ko (Pukyong co., Ltd.).



RES - 1

12:40-13:05

**Ju-Hong Jeon, Ph.D. (Seoul National University, Korea)**

National R&D Innovation Act and Research Ethics

국가연구개발혁신법과 연구윤리

The National R&D Innovation Act (hereinafter referred to as the Innovation Act) enacted in 2021 establishes a common norm for all national R&D programs. The significance of the enactment of the Innovation Act can be found in that it laid the institutional basis for unifying and systematizing complex R&D-related regulations that have been applied differently by each government ministry. The Innovation Act can be viewed as having two main contents. One is to create an innovative environment to enhance research autonomy and efficiency by promoting researcher-centric R&D programs, and the other is to improve the accountability of researchers by strengthening research ethics and sanctions. In this presentation, I will introduce the issues of research ethics with a focus on the background and content of the enactment of the Innovation Act and reflect on the importance of research ethics in productive R&D activities.



RES - 2

13:05-13:30

**Myoungsuk Ko (Pukyeong Patent & Law Firm, Korea)**

Patent application in the field of biotechnology, A to Z

바이오기술분야 특허출원, A to Z

The bio industry is a new growth engine centered on public and private R&D. Compared to other fields, the R&D period and development cost are huge, and patents are very important as a legal device for technology protection. However, patents are allowed on a limited basis for ethical and public interest reasons or the patent law system. In this study, patent strategy establishment by examining issues related to inventions against anti-communism and good morals or bioethics, along with discussion on the definition of invention, patent subject, industrial applicability of human-targeted medical method invention, and components of invention for pharmaceutical use decide.