

세미나 초록

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발표 주제	Drug Discovery: from target to PCC (신약개발과정: 타겟에서 신약후보물 질까지)
발표 내용	<p>Drug discovery is long journey and time consuming process which aims at identifying a compound therapeutically useful in curing and treating disease. This process involves the identification and validation of target, hit identification, validation of candidates, synthesis, characterization, optimization, screening and assays for therapeutic efficacy. Once a compound has shown its significance in these investigations, it will initiate the process of drug development for clinical trials. New drug development process must continue through several stages in order to make a medicine that is safe, effective, and has approved all regulatory requirements. From initial discovery to a approved medicine is a quiet long and challenging task. About 12 - 15 years from discovery to the approved medicine were requires and also an investment has to need at least US \$1 billion. Here, we discuss how new drug development has been processed and specifically why the biologist are important to this field.</p>