<u>세미나초록</u>

발표주제	_	and non-invasive transcriptomic analyses	
발표내용	Lung cance in the world, and rates. While low modality, utilization approaches. The suggested as a affects survival personalized chempatients, it has nothis end, we identified the radiotherapy (SAE predict local recumutations on radiotredictive power glutaminase paradioresistance. Resultant and the measuring the predict of cancers and resultant to the measuring the prediction of the previously develop Profiling by Deep approach involves sequencing with a for the presentation.	eris the most common cause of cancer-related death early diagnosis of lung cancer leads to higher cure dose CT screening is an approved early detection in remains low and there is an unmet need for new resistance against chemo-/RT therapy has been major player for the low cure rate, which directly rate of patients with lung cancer. Although a notherapy has been widely used to treat lung cancer ever been addressed to utilize radiation therapy. To entified 232 consecutive patients with stage IA-IIIC with chemoradiotherapy or stereotactic ablative BR), and found the mutations on KEAP1/NFE2L2 diotherapy cohort using cell biology confirmed the of the mutations and found the inhibition of the mutations and found the inhibition of the mutations and found the inhibition of the personalized in lung cancer. Wed nucleic acids provide unique molecular signature expresents an ideal biomarker for detecting cancers. In the second called cancer personalized and second called cancer Personalized Sequencing (CAPP-Seq) for detection of cfDNA. This capturing target regions followed by next generation as lower limit of detection of ~0.002%. The latter part on will discuss the utility of cell free nucleic acids ration Sequencing method to detect cancer and to the property of the long of the property of the property of the latter part on will discuss the utility of cell free nucleic acids ration Sequencing method to detect cancer and to the property of the long of the property of the latter part on the long of the property of the latter part on the long of the property of the latter part on the long of the property of the latter part on will discuss the utility of cell free nucleic acids ration Sequencing method to detect cancer and to the property of the latter part of the long of the property of the latter part of the long of the property of the latter part of the long of the property of the latter part of the long of the property of the latter part of the	
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주요약력	2006 ~ 2008 2015 ~ 2016 2016 ~ 2020 2020 ~ 현재	석사 후 연구원 (서울대학교) 박사 후 연구원 (The Ohio State University) 박사 후 연구원 (Stanford University) 성균관대학교 융합생명공학과 조교수