

# Interdisciplinary convergence Seminar 학제간 융합 세미나

**Title** Big data and Cancer Genomics

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**Date** April 20th, Fri., 5:00 ~ 6:00 Pm

**Location** Science Building #225 Yonsei University

## Abstract

We introduce big data and analysis for health in personalized medicine. With the advent of high-throughput genomics, it is important how to deal with next generation sequencing (NGS) data and offer solutions of questions arising in cancer treatment. We explain how to extract clinically meaningful data from cancer genomics and analyze cancer heterogeneity in relation to biological and clinical importance. Some data mining approaches for cancer genomic data will be discussed.