

Infectious disease prevalence estimation using wastewater information

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Acceptable number of students: Maximum three students

The first lecture: Oct. 3 at 16:30, at F01-306, Aobayama campus

Municipal wastewater includes pathogens that cause infectious diseases in a sewershed (an area that wastewater is collected by a single wastewater treatment plant). This means that wastewater monitoring for pathogens may allow us to see the health status of residents. In this course, students will learn how to estimate the prevalence of infectious disease using wastewater information and machine learning.

