

# OSAKA UNIVERSITY

A comprehensive research university  
with world-class achievements

Cited papers

Chemistry **11<sup>th</sup>**

Immunology **16<sup>th</sup>**

Biology & Biochemistry **31<sup>st</sup>**

Material Science **33<sup>rd</sup>**

Physics **37<sup>th</sup>**

Molecular Biology & Genetics **39<sup>th</sup>**

These rankings are for universities only based on  
the Essential Science Indicators™ database.

**Japan's Most Innovative University**

**18<sup>th</sup> Most Innovative in the World**

By Reuters Top 100 Innovative Universities 2015

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Japan Nobel Prize winner,  
Hideki YUKAWA's favorite blackboard

Professor Hideki Yukawa, the first Japanese Nobel Laureate, served as a researcher and an assistant professor at Osaka University (formerly Osaka Imperial University). He first announced the existence of mesons in his thesis for which he attained his doctorate from Osaka University. This announcement eventually led to his receipt of the Nobel Prize in Physics in 1949.

The blackboard that Professor Yukawa regularly used in his laboratory while serving as a visiting professor at Columbia University in the U.S. was given to Osaka University's Graduate School of Science. This blackboard encourages our students to deepen their discussions and lead the way to the future of physics.