

OIST Ingenuity Pathway Analysis Seminar

Title: "QIAGEN Ingenuity Pathway Analysis (IPA) Seminar"

Speakers: **Ryuta Kunida PhD, Takuya Sakashita PhD**
(QIAGEN K.K.)

Date: **Tuesday, September 29, 2026 10:00 - 17:00**

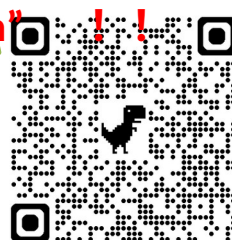
Format: **On-site**

Location: **OIST LandneXus**

Please register for
"One on
One/Group
session" !!!

Time schedule

10:00 – 11:30	IPA seminar
11:30 – 12:00	Q&A
13:30 – 17:00	One on One / Group session



Contents

1. Overview of IPA

- 1-1. IPA data resources
- 1-2. How to analyze experimental data
- 1-3. Dictionary-style use without experimental data

2. Core analysis

- 2-1. Canonical pathway analysis
- 2-2. Upstream regulator analysis
- 2-3. Downstream effects analysis
- 2-4. Network pathway drawing

3. Omics data analysis

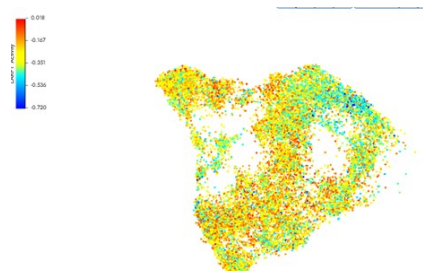
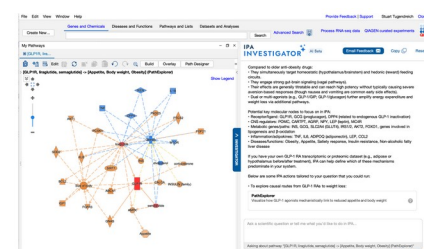
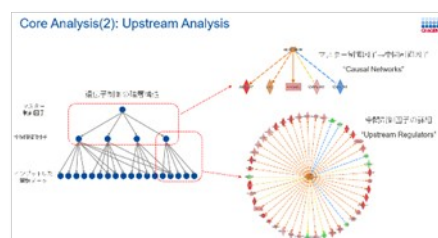
- 3-1. Gene / protein expression data analysis
- 3-2. Protein phosphorylation data analysis
- 3-3. Metabolomics data analysis
- 3-4. Toxicity analysis

4. Use of public omics data

- 4-1. Analysis Match function
- 4-2. Single cell viewer

5. IPA new features and updates

- 5-1. IPA result interpretation and next-action suggestions by IPA-trained generative AI
- 5-2. Comparison analysis of up to 50 analyses



<Contact>



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