

**Date** Thu., March 16, 9:00–12:00**Venue** Room Y**Co-sponsored by Plant Informatics Consortium****Organizer:** Kentaro Yano (Sch. of Agri., Meiji Univ.)

The 18th Database Workshop will provide an overview of trends in major databases, methods for collection and utilization of online information, and the execution environment and procedures for machine learning, deep learning, and AI text mining through lectures and hands-on training sessions. Not only those who wish to take the hands-on training but also those who attend only the lecture are welcome.

Chairperson: Kentaro Yano

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09:00	D01-1	Gene screening with NGS data and knowledge-based information <u>Kentaro Yano</u> (Bioinformatics, Sch. Agri., Meiji Univ.)
09:45	D01-2	Introduction to AI Information and Automated Machine Learning (AutoML) for Experimental Researchers <u>Kaminuma Eli</u> (Nagoya City Univ.)
10:40	D01-3	We also wanna share good luck with AI!!: Application of AI-guided intuition on genomes, molecules, and image data <u>Takashi Akagi</u> <sup>1,2</sup> , Eriko Kuwada <sup>1</sup> ( <sup>1</sup> Grad Sch Environ Life Sci, Okayama University, <sup>2</sup> JST-PRESTO)
11:50		Closing remarks Kentaro Yano