



新学術領域研究

ゲノム・遺伝子相関

—新しい遺伝学分野の創成—

## The 12th Database Workshop

**Organizers** Kentaro Yano (Bioinformatics., Meiji Univ.)  
Toru Kudo (Bioinformatics., Meiji Univ.)  
Masaaki Kobayashi (Bioinformatics., Meiji Univ.)

## ●Chairperson: Kentaro Yano

13:00 **D01-1** Introduction  
Kentaro Yano<sup>1</sup> (<sup>1</sup>Bioinformatics Lab., Sch. of Agri., Meiji Univ.)

## ●Chairperson: Toru Kudo

13:05 **D01-2** Plant-PrAS: a database of physicochemical and structural properties and the comparative analysis in plant proteomes  
Atsushi Kurotani<sup>1</sup>, Alexander Tokmakov<sup>2</sup>, Yutaka Yamada<sup>1</sup>, Yutaka Kuroda<sup>3</sup>, Kazuo Shinozaki<sup>1</sup>, Tetsuya Sakurai<sup>1,4</sup> (<sup>1</sup>RIKEN CSRS, <sup>2</sup>Res. Cent. for Env. Gen., Kobe Univ., <sup>3</sup>Fac. of Tech., Tokyo Univ. of Agri. and Tech., <sup>4</sup>Kochi Univ.)

13:45 **D01-3** TENOR: Database for Comprehensive mRNA-Seq Experiments in Rice  
Yoshihiro Kawahara<sup>1</sup>, Youko Oono<sup>1</sup>, Hironobu Wakimoto<sup>2</sup>, Jun Ogata<sup>1</sup>, Hiroyuki Kanamori<sup>1</sup>, Harumi Sasaki<sup>1</sup>, Satomi Mori<sup>1</sup>, Takashi Matsumoto<sup>1</sup>, Takeshi Itoh<sup>1</sup> (<sup>1</sup>Agrogenomics Res. Center, NIAS, <sup>2</sup>BITS. Co., Ltd.)

14:25 Break

## ●Chairperson: Masaaki Kobayashi

14:35 **D01-4** Mutant database TOMATOMA update: Disclosure of metabolite information in the Micro-Tom mutant resource.  
Ken Hoshikawa<sup>1</sup>, Tohru Ariizumi<sup>1</sup>, Hiroshi Ezura<sup>1</sup> (<sup>1</sup>Fac. Life Environ. Sci., Univ. Tsukuba)

15:15 **D01-5** OryzaGenome and its Future Perspectives  
Hajime Ohyanagi<sup>1,2,8</sup>, Matthew Shenton<sup>1</sup>, Toshinobu Ebata<sup>3</sup>, Yukiko Yamazaki<sup>4,8</sup>, Masahiro Fujita<sup>1</sup>, Takako Mochizuki<sup>5</sup>, Xuehui Huang<sup>6</sup>, Hao Gong<sup>6</sup>, Eli Kaminuma<sup>5,8</sup>, Yasukazu Nakamura<sup>5,8</sup>, Atsushi Toyoda<sup>7</sup>, Asao Fujiyama<sup>7,8</sup>, Qi Feng<sup>6</sup>, Zi-Xuan Wang<sup>1,6</sup>, Bin Han<sup>6</sup>, Nori Kurata<sup>1,8</sup> (<sup>1</sup>Plant Genetics Laboratory, National Institute of Genetics, Mishima, Japan, <sup>2</sup>Bioinformatics Laboratory, Meiji University, Kawasaki, Japan, <sup>3</sup>DYNACOM Co., Ltd., Chiba, Japan, <sup>4</sup>Genetic Informatics Laboratory, National Institute of Genetics, Mishima, Japan, <sup>5</sup>Genome Informatics Laboratory, National Institute of Genetics, Mishima, Japan, <sup>6</sup>National Center for Gene Research, Chinese Academy of Sciences, Shanghai, PRC, <sup>7</sup>Comparative Genomics Laboratory, National Institute of Genetics, Mishima, Japan, <sup>8</sup>Department of Genetics, School of Life Science, Graduate University for Advanced Studies, Mishima, Japan, <sup>9</sup>Computational Bioscience Research Center, King Abdullah University of Science and Technology, Thuwal 23955-6900, Kingdom of Saudi Arabia)

## ●Chairperson: Kentaro Yano

15:55 General Discussion

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