

October 16th – December 04th, 2023

Current Trends in Bioinformatics バイオインフォマティクス特講

- Life Science Big Data: Cutting-edge Methods & Software
- Medical Applications: Biology + Bioinformatics / AI
- Future Perspectives: Opportunities in Modern Bioinformatics

Lecture Course: YCU Graduate Students (1 elective credit / 選択1単位)
コース・専攻 Medicine, Medical Life Science, Nanobioscience & Data Science

Open Seminar: All YCU Students & Faculty Members / YCU学生 & 教職員
対象者 KYOTEN Network Members / 共同利用・共同研究拠点関係者

- ✓ **Speakers:** Academic & Industry Research Experts
- ✓ **8 Lectures:** 4 in Japanese / 4 in English
- ✓ **Each Lecture:** ~1.5hr (including discussion)
- ✓ **Free / 無料!**
- ✓ **Apply & join any lecture until December 4th, 2023!**

Apply here!



	Lecturer	Lecture Title / Language	Date & Time
1.	Dr. Takahiro SUZUKI (RIKEN IMS)	Introduction & Advances in the NGS and OMICS Data Analysis 🇯🇵	16-October-2023 Monday, 16:10-17:40
2.	Dr. Jordan RAMILOWSKI (YCU Bioinformatics)	Long non-coding RNAs: Genomic Junk or Regulatory Treasure? 🇺🇸	23-October-2023 Monday, 16:10-17:40
3.	Dr. Kazuharu MISAWA (YCU Human Genetics)	Statistical Tests and Genome-wide Association Studies (GWASs) 🇯🇵	30-October-2023 Monday, 16:10-17:40
4.	Dr. Julio LEON (UCSF, USA)	Biological Insights from Single Cell Spatial Transcriptomics Data 🇺🇸	06-November-2023 Monday, 16:10-17:40
5.	Dr. Sakura MAEZONO (YCU Bioinformatics)	Transforming Healthcare Diagnostics by Leveraging Bioinformatics Tools 🇺🇸	13-November-2023 Monday, 16:10-17:40
6.	Dr. Makito SATO (Humanome Lab)	AI in Biological Research 🇯🇵	20-November-2023 Monday, 16:10-17:40
7.	Dr. Ramzan UMAROV (RIKEN IMS)	Predicting Regulatory Genomic Sequences with Deep Learning Approaches 🇺🇸	27-November-2023 Monday, 16:10-17:40
8.	Dr. Takeya KASUKAWA (RIKEN IMS)	Use of Public Resources for the Omics Studies 🇯🇵	04-December-2023 Monday, 16:10-17:40