

October 17<sup>th</sup> – December 5<sup>th</sup>, 2022

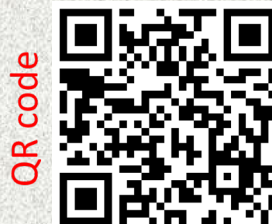
# Current Trends in Bioinformatics バイオインフォマティクス特講

- Introduction to Modern Bioinformatics
- Practical and Medical Applications: NGS Technologies & AI
- Life Science Big Data: Best Practices for Analysis & Visualization
- Future Perspectives: Challenges & Opportunities in Bioinformatics

- **Lecture Course:** YCU Medical, Health Data Science, Medical Life Science  
コース・専攻 & Nanobioscience Graduate Students (1 elective credit / 選択1単位)
- **Open Seminar:** All YCU Students & Faculty Members / YCU 学生 & 教職員  
対象者 All KYOTEN Network Members / 共同利用・共同研究拠点関係者

- **Speakers:** Academic & Industry Researchers
- **8 Lectures:** 5 in Japanese & 3 in English
- **Lecture:** 1hr + 30min discussion (*encouraged*)
- **Free / 無料!**

Application



QR code

	Lecturer	Affiliation	Lecture Title / Language	Date
1	Jordan RAMILOWSKI	YCU Bioinformatics Lab	"Life Science Data: Challenges & Perspectives" (ENG)	17-October-2022 Monday 16:10-17:40
2	Takahiro SUZUKI	RIKEN IMS	"Introduction to the NGS and to OMICS Data Analysis" (JP)	24-October-2022 Monday 16:10-17:40
3	Kazuharu MISAWA	YCU Human Genetics	"Statistical tests and genome-wide association studies (GWASs)" (JP)	31-October-2022 Monday 16:10-17:40
4	Michiel de HOON	RIKEN IMS	"Chromatin structure and gene regulation in the nucleus" (ENG)	07-November-2022 Monday 16:10-17:40
5	Makoto YAMADA	Kyoto University Informatics	"Fundamentals of Machine Learning & Artificial Intelligence (AI)" (JP)	14-November-2022 Monday 16:10-17:40
6	Ken AOSHIMA	EISAI	"Bioinformatics in Pharmaceutical Industry" (JP)	21-November-2022 Monday 16:10-17:40
7	Kei TERAYAMA	YCU Medical Life Science	"Accelerating Life Science by Machine Learning & Molecular Simulation" (JP)	28-November-2022 Monday 16:10-17:40
8	Jessica SEVERIN	RIKEN IMS	"Visualization in genomic sciences: Building Interactive Tools to Visualize NGS Data" (ENG)	05-December-2022 Monday 16:10-17:40