ACLS International Summer School 2016
Accepted Participant List

Education Academy of Computational Life Sciences (ACLS)
Tokyo Institute of Technology

- Iou Ven Chang

  Major Bioengineering

  Research Theme Designing peptides with bindings to cell surface

  Research Interests 1. Peptide design 2. Protein-peptide interaction 3. Phage display

- Alfredo Esquivel Chavez

  Major Biological Science

  Research Theme Mating-type switching. Double strand break repair. Homologous recombination.

  Research Interests 1. DNA damage repair 2. Homologous recombination

- Kei Hanafusa

  Major Life Science

  Research Theme Lipid raft of neuron

  Research Interests 1. Lipid raft 2. Signal transduction 3. Proteomics

- Tomoya Hayashi

  Major Information Processing

  Research Theme Human machine interface and sense feedback

  Research Interests 1. Information feedback method 2. Visualization of neuron activity 3. Skill learning of human

- Bharata Kalbuaji

  Major Computational Intelligent and Systems Science

  Research Theme Cancer data analysis

  Research Interests DNA/RNA sequence data analysis

- Yeongdae Kim

  Major Information Processing

  Research Theme Human machine interface via ElectroMyoGraph

Research Interests 1. Self-rehabilitation 2. Interface for virtual reality 3. Machine learning

- Shohei Kitano

  Major Life Science

  Research Theme Peptide encoded in upstream ORF

  Research Interests 1. Upstream ORF 2. Noncoding region 3. Proteomics

- Wei Ming Lim

  Major Biological Information

  Research Theme Mechanism of T-cell activation

  Research Interests 1. Immune response reaction 2. Microtule dynamics 3. Cutting-edge microscopic technique

- Bulibuli Mahemuti

  Major Computational Intelligent and Systems Science

  Research Theme Microtubule image analysis

  Research Interests Microtubule dynamics

- Tomoyuki Ohno

  Major Life Science

  Research Theme Small protein

  Research Interests 1. Non-coding region 2. Small protein 3. Ion channel

- Maierdan Palihati

  Major Biological Science

  Research Theme Deep sea yeast

  Research Interests Homologous recombination

- Mayuri Sathiyananthavel

  Major Biological Sciences

  Research Theme Synaptic connection patterns in different natural stimulations

  Research Interests 1. Neurobiology 2. Synaptic plasticity 3. Machine learning

- Alejandra Mejia Tobar

  Major Information Processing

  Research Theme Brain computer interfaces and rehabilitation engineering.

Research Interests 1. Decoding of muscle activity from brain activity 2. Functional electrical stimulation 3. Virtual environments for motor rehabilitation.

- Hikaru Watanabe

  Major Bio infomatics

  Research Theme Microbial community and comparative genomics

  Research Interests 1. Environmental microbes 2. Comparative genomics 3. Machine learning

- Hitoyoshi Yamashita

  Major Life Science

  Research Theme Peptide encoded in upstream ORF

  Research Interests 1. Upstream ORF 2. Genome editing 3. Secretory proteins

- Yuichi Yokochi

  Major Life Science

  Research Theme Proteins which modulate photosynthesis related enzymes

  Research Interests 1. Redox regulation 2. Protein-protein interaction 3. Proteomics

- Aleksandar Zdravkovic

  Major Biological Science

  Research Theme Homologous recombination initiation. Double stranded break resection. Ctp1/MRN complex.

  Research Interests 1. DNA damage repair 2. Homologous recombination 3. Protein purification