Student day agenda

Moderator: Sakda Khoomrung

9:00 am   Manop Pithukpakorn (Faculty of Medicine Siriraj Hospital, Mahidol University)
Introduction

9:20 am   Lynn Schriml (University of Maryland School of Medicine)
ML/AI-ready biomedical and genomic data

9:40 am   Susanna-Assunta Sansone (University of Oxford)
Standards across life Science

10:00 am   Ramona Walls (Critical Path Institute) -
**Biomedical data models and standards (OMOP, CDISC, FHIR) and how data are
used for regulatory science.**

10:20 am   Scott Edmunds (GigaScience)
Open Access publishing

10:40 am   Rob Finn (EMBL-EBI European Bioinformatics Institute) -
Challenges (and benefits) in depositing multiomics datasets

11:00 am   **Break**

11:20 am   Joao Setubal (University of São Paulo)
Metagenomics

11:40 am   Tanja Woyke (Joint Genome Institute, DOE)
Single cell genomics

12:00 pm   Phil Hugenholtz (Queensland University)
Human gut microbiome derived Therapeutics

12:20 pm   Kasthuri J Venkateswaran (Jet Propulsion Laboratory, NASA)
Lessons learned from "Space Genomics"