

PRACTICAL COURSE
10th International Course in Microbial Ecology
 Microbial ecology: Hands-on training in prokaryotic
 and eukaryotic metagenomics
6-10 May 2019, MILANO

Monday, May 6	
13:00	Meeting of all participants and instructors
14:00	Opening and presentation of the course Presentation by participants
15:30	Unexplored diversity and strain-level variability of the human microbiome <i>by Nicola Segata (Italy)</i>
16:30	Beginners: Introduction to Linux Command Shell and main Command line Advanced: Roundtable and advanced commands
19:00	Daily Summary and announcements

Tuesday, May 7	
9:00	Practical on metagenomics pipeline analysis <i>by Andrea Franzetti, Anna Espinoza, Oscar Cornejo, Anna Sandionigi, Grazia Quero</i>
12:00	DNA metabarcoding - When amplicon-based approach is still needed <i>by Maurizio Casiraghi (Italy)</i>
13:00	Lunch
14:00	Ancient DNA from sediments <i>by Francesco Ficetola (Italy)</i>
15:00	Assembly: hands-on theory <i>by Jean François Flot, Nadège Guiglielmoni</i>
18:00	Daily Summary and announcements

<i>Wednesday, May 8</i>	
9:00	Presentation of awareness campaign: drink less plastic <i>by Manuela Coci</i>
9:30	Practical on Assembly <i>by Jean François Flot, Nadège Guiglielmoni</i>
13:00	Lunch
14:00	Viral microbiome <i>by Roberto Orellana (Chile)</i>
15:00	Summary on assembly <i>by Jean-François Flot</i>
16:00	Binning: hands-on theory <i>by Daniel Lundin</i>
18:00	Daily Summary and announcements

<i>Thursday, May 9</i>	
9:00	Practical on Binning <i>By Daniel Lundin</i>
13:00	Lunch
14:00	Linnaeus Microbial Observatory - using genomics to study a unique marine environment - the Baltic Sea <i>by Daniel Lundin (Sweden)</i>
15:00	Practical on metagenomics pipeline analysis <i>by Andrea Franzetti, Anna Espinoza, Oscar Cornejo, Anna Sandionigi, Grazia Quero</i>
18:00	SOCIAL: Social event and dinner

Friday, May 10	
9:00	<p>Practical on statistical analysis of metagenomics data <i>by Roberto Ambrosini</i></p>
13:00	<p>Lunch</p>
14:00	<p>Present and perspectives of microbial ecology <i>by Microbe&CO</i></p>
15:00	<p>Presentation of metagenomic projects by participants – brainstorming of personal experience, networking</p>
18:00	<p>Course summary and greetings</p>

Venue:

Università di Milano Bicocca (UNIMIB)
Piazza della Scienza, 1
Milano - Italy