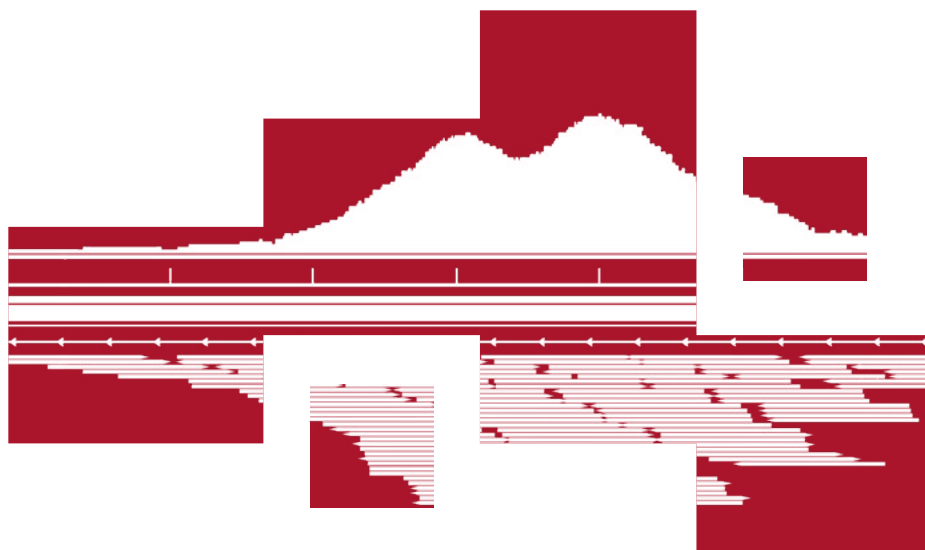




NAPLES JUNE 6/10 2016

# RNA-SEQ DATA ANALYSIS workshop

TECHNOLOGY, RESEARCH, SOFTWARE,  
HARDWARE AND TRAINING:  
LET'S PLAN YOUR RNA-SEQ EXPERIMENTS!



## COURSE 7-10 JUNE 2016

### DAY 1 07 JUNE 2016

COURSE OVERVIEW;

LINUX REFRESH: BASIC BASH FOR BIOLOGISTS; CONFIGURING AN  
AD-HOC LINUX OPERATIVE ENVIRONMENT FOR RNA-SEQ DATA ANALYSIS;  
SSH CONNECTION TO A SERVER.

CREATING THE "LEARNING GROUP": 5 MINUTES PRESENTATION OF EACH PARTICIPANT  
(SCIENTIFIC INTERESTS, RNA-SEQ EXPERIENCE AND FUTURE RNA-SEQ EXPERIMENTS).

### DAY 2 08 JUNE 2016

NGS READ QUALITY ASSESSMENT AND TRANSCRIPTOME ASSEMBLY.

### DAY 3 09 JUNE 2016

FUNCTIONAL ANNOTATION, READS MAPPING AND EXPRESSION ANALYSIS.

### DAY 4 10 JUNE 2016

TRANSCRIPT CLUSTERING AND FUNCTIONAL ENRICHMENT.

**LECTURERS:** BRIAN HAAS, ALLEGRA VIA, VINCENZA COLONNA

**TUTORS:** MARCO SALVEMINI, SERENA ACETO, ALLEGRA VIA, VINCENZA COLONNA

#### VENUE

CSI IT ROOMS  
DIPARTIMENTO DI STUDI UMANISTICI  
VIA PORTA DI MASSA, 1  
80133 NAPLES, ITALY

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