



**Dipartimento di Scienze Veterinarie
Università di Pisa**

Seminario tematico – Progetto OSCAR
(CCL2-animali persone – CAVE)

illumina



Advantage of Next Generation Sequencing Technologies (NGS) in genomic studies: application and opportunities for the Departments' Research lines

- 14:30-15:10** Introduction to Illumina sequencing
Dott.sa Noemi Panzironi (Illumina)
- 15:15-15:50** NGS solution for microbiology
Dott. Paolo Caiella (Illumina)
- 15:55-16:30** Our first steps towards solving the data challenges of the Genome Era™
Dott. Andrea Gori (Illumina)
- 16:30-16:45** PAUSA
- 16:45-17:00** NGS as valid tool to support food authentication
Prof. Andrea Armani (Dipartimento Scienze Veterinarie)
- 17:00-17:15** Metabarcoding: practical application to food matrices
Dott.sa Alice Giusti (Dipartimento Scienze Veterinarie)
- 17:15-17:30** Shotgun analysis: application for virus identification in ecosystems
Prof. Maurizio Mazzei (Dipartimento Scienze Veterinarie)
- 17:30-17:50** Q&A

14 November 2023

**Dipartimento di Scienze Veterinarie (Università di Pisa)
Viale delle Piagge 2, Pisa – Aula E**