



COLLEGIO NUOVO
FONDAZIONE SANDRA E ENEA MATTEI
VIA ABBIATEGRASSO, 404 - PAVIA

Al via il corso intensivo “Global Health, One Health”: un approccio integrato alla salute globale

PROGRAMMA

Monday, Apr 13

11:00 AM – 01:00 PM

One Health: A New Approach to Ensure the Well Being of People, Animals and the Environment. This lecture will provide an introduction to the historical and scientific perspective of the *One Health* Approach.

02:00 PM – 04:00 PM

A multidisciplinary effort to fight against emerging and re-emerging pathogens in a *One Health* Perspective – *Seminar by Prof. Federico Forneris*

Pathogenic aspects of emerging and re-emerging viral infections – *Seminar by Prof. Fausto Baldanti*

Tuesday, Apr 14

11:00 AM – 01:00 PM

One Health Diseases: Vector Borne Diseases. This lecture will introduce the major vector-borne diseases that are transmitted to people from animals and the transmission cycles that promote these infections.

02:00 PM – 04:00 PM

One Health Diseases: Antimicrobial resistance emergence and management – *Seminar by Prof. Raffaele Bruno*

Wednesday, Apr 15

11:00 AM – 01:00 PM

One Health Diseases: Control of Vector Borne Diseases and Research Areas that promote vector control. This lecture will provide applied perspectives (challenges and opportunities) for vector control and emerging research areas for better management of the available tools.

02:00 PM – 04:00 PM

Genomic approaches for *One Health* – *Seminar by Prof. Davide Sasseria*

Strategies that involve genetic approaches for disease management – *Seminar by Prof. Anna Malacrida*

Thursday, Apr 16

11:00 AM – 01:00 PM

Novel Vector control Methods: Symbiotic Control. This lecture will introduce role of microbiota in insects and applied strategies that have emerged for disease management that rely on vector microbiota

02:00 PM – 04:00 PM

Practical Applications of the *One Health* Approach in Italy – *Seminar by Prof. Anna Odone*

Friday, Apr 17

11:00 AM – 01:00 PM

Ecological perturbations that promote zoonotic diseases. This lecture will introduce environmental drivers that promote vector-borne diseases

02:30 PM – 04:00 PM

The history of Wolbachia: how an intracellular bacterium led to novel approaches for the treatment of filarial diseases in humans and animals - *Seminar by Prof. Claudio Bandi*