



ADVANCED  
SCHOOL

IN MICROBIOLOGY  
AND HOST MICROBE  
INTERACTION

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IN MICROBIOLOGY  
AND HOST MICROBE INTERACTION

Monday, February 10<sup>th</sup> 2025

***Biological functions of Human endogenous  
retroviruses: not just fossils in our genome***

16:00 - 16:10 *Introduction to HERVs*

**Enzo Tramontano (Università di Cagliari)**

16:10 - 16:20 *Antibodies against HERVs, friends and foe*

**Leonardo Sechi (Università di Sassari)**

16:20 - 16:40 *A retrovirus at the root of ALS?*

**Elena Simula (Università di Sassari)**

16:40 – 17:00 *Endogenous retroviruses in autism spectrum disorder:  
from preclinical models to human studies*

**Emanuela Balestrieri (Università di Roma Tor Vergata)**

17:00 - 17:20 *HERV and cancer: harmless bystanders or pathological  
contributors?*

**Nicole Grandi (Università di Cagliari)**

17:20 - 17:30 Discussion and Q&A