

3rd SITELF National PhD Summer School – XXV ADRITELF National PhD School

# Simulations and in vitro/in vivo methods for testing your delivery systems

September 29<sup>th</sup>, 2026 – October 1<sup>st</sup>, 2026 - Flamingo Resort, Pula (CA) - SARDINIA

The summer school “Simulations and in vitro/in vivo methods for testing your delivery systems” offers a deep dive into the preclinical assessment of drug delivery systems.

The course will start with an introduction to established in vitro protocols based on cell cultures, discussing their advantages and limitations, to then move towards cutting-edge models for evaluating safety and efficacy.

Animal models of chronic pathologies and cancer, as well as techniques to assess delivery systems biodistribution will be discussed, with case studies provided by experts in the field of formulation design and drug development.

Finally, the applications of advanced computational simulations to drug delivery science will be introduced, providing knowledge on the tools necessary to optimize formulation properties in silico.

Join us to learn about the multidisciplinary strategies essential for successful modern formulation development.



## September 29<sup>th</sup>

13.00 – 15.00 Registration  
 15.00 – 15.30 Opening Speech  
 15.30 – 17.00 Invited Talks  
 17.00 – 17.30 Coffee Break  
 17.30 – 18.30 PhD students' presentation  
 20.30 – Dinner

## September 30<sup>th</sup>

09.00 – 10.30 Invited Talks  
 10.30 – 11.00 Coffee break  
 11.00 – 12.30 PhD students' presentation  
 12.30 – 14.30 Free time & lunch  
 14.30 – 16.00 Invited Talks  
 16.00 – 17.00 Posters & coffee  
 17.00 – 18.15 PhD students' presentation  
 20.30 – Dinner & social event

## October 1<sup>st</sup>

09.00 – 10.30 Invited Talks  
 10.30 – 11.00 Coffee break  
 11.00 – 12.30 PhD student's presentations  
 12.30 – 14.30 Free time & lunch  
 14.30 – 16.00 Invited Talks  
 16.00 – 17.00 Posters & coffee  
 17.00 – 18.15 PhD students' presentation  
 20.00 – Happy hour & buffet

**Pre-registration will  
 open soon!  
 More information  
 on registration,  
 transportation and  
 program will be  
 published on the  
 SITELF website**