



## DOCTORATE IN PHARMACEUTICAL SCIENCES



*[...ut civitas Perusii sapientia valeat elucere...]*

*Perugia, A.A. 2020/2021*

DOCTORATE IN PHARMACEUTICAL SCIENCES  
COORDINATOR: PROF. ANTONIO MACCHIARULO  
VICE COORDINATOR: PROF. FRANCESCA MARINI  
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## **Seminars PhD students XXXV cycle**

*February 1, 2020*

- 11.30-11.55     **Diels-Alder/aromatization approaches to the synthesis of highly functionalized aromatic and heteroaromatic compounds**  
Marco Ballarotto
- 11.55-12.20     **Development of new selenium-based strategies for the synthesis of heterocycles and biologically relevant molecules**  
Italo Franco Coelho Dias
- 12.20-12.45     **AKT-1: targeting the active and allosteric site through a funnel-like virtual screening**  
Deborah Palazzotti

*February 5, 2020*

- 11.30-11.55     **Development of steroidal probes for exploring the roles of Liver X Receptors in the sophisticated networks between cancer and host immune system**  
Lorenzo Pontini
- 11.55-12.20     **Computational and biophysical studies for the development of chemical modulators against immune checkpoint targets**  
Alessandra Riccio
- 12.20-12.45     **Integrated Strategies for Nuclear Receptor Lead Discovery and Development**  
Shiva Tali Shandiz

Online Seminars will be held on Microsoft Teams Platform.

## **Thematic Seminars PhD students XXXIV cycle**

*February 12, 2020*

- 11.30-11.55    **Tannins in natural complex matrices: Different metabolomic approaches to study their occurrence**  
Michela Burico
- 11.55-12.20    **Continuous manufacturing of oral solid dosage forms: problems and perspectives**  
Niccolò Calamassi
- 12.20-12.45    **Small Molecule PROTACs: Challenges and Opportunities**  
Giada Ceccarelli
- 12.45-13.10    **IMP: Behind the scene. What regulatory want?**  
Carlotta Giulieri

*February 19, 2020*

- 11.30-11.55    **Green Metrics**  
Pilar Maria Luque Navarro
- 11.55-12.20    **Plasma Protein Binding: an in vitro tool in the Drug Discovery Process**  
Andrea Mammoli
- 12.20-12.45    **Vitamin E supplementation and interindividual variability**  
Rita Marinelli

*February 26, 2020*

- 15.30-15.55    **Fighting cancer using PARP inhibitors**  
Maria Giulia Nizi
- 15.55-16.20    **Recent advances in the extraction and characterization of phenolic compounds from food waste**  
Luna Pollini
- 16.20-16.45    **Unconventional strategies to combat infectious diseases**  
Styliani Xiroudaki

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