



UNIVERSITÀ DI SIENA 1240

GIOVANI *si*



Consiglio Nazionale  
delle Ricerche



UNIVERSITÀ DI PISA

# PhD DAY

## Department of Life Sciences

19 September 2022

Aula Magna - Polo didattico San Miniato

Online link: <https://meet.google.com/ksq-cgje-sjv>



8:45	<b>Registration</b>	11:50 – 12:10	<b>Tommaso Montecchi</b> - Characterization of the signalling pathways governing astrocyte functional polarization, release of extracellular vesicles and responses to therapy during neuroinflammation: focus on the molecular adaptor ShcC/Rai
9:00	<b>Opening ceremonies</b>	12:10 - 12:30	<b>Martina Grattacaso</b> - Multiple approaches to the geographical traceability of extra-virgin olive oil from Valdichiana Senese (Tuscany, Italy)
9:20 – 9:40	<b>Serena Tondi</b> - Dissecting GMMA mechanisms of action in different immune cell populations	12:30 – 13:30	<b>Plenary Lecture</b> - Dottorato e mondo del lavoro. Esperienza di un Dottore di ricerca in Scienze della Vita (Dr Claudiopietro Carotenuto, QC manager, Philogen S.p.A.)
9:40 – 10:00	<b>Costanza Ceni</b> - Development of novel GPR55 ligands and GPR55/CB2R multitarget modulators for neurodegenerative diseases	13:30 – 14:30	<b>Lunch &amp; Poster presentation</b>
10:00 – 10:20	<b>Carolina Bonifazi</b> - Validation process for ELISA-based Microneutralization assay for Respiratory Syncytial virus	14:30 – 14:50	<b>Ilaria Razzano</b> - Next-generation vaccines: research and pre-clinical immunogenicity evaluation
10:20 - 10:40	<b>Agata Di Noi</b> - A multi-tier approach, based on biomarkers, proteomic analysis and quality and origin of bees' products to assess the honey bee colonies ecotoxicological health status	14:50 – 15:10	<b>Fabrizia Zevolini</b> - Characterization of the mechanisms of immune synapse assembly and function in cytotoxic T lymphocytes
10:40 – 11:10	<b>Coffee Break &amp; Poster presentation</b>	15:10 – 15:30	<b>Daniele Calabrese</b> - Composition of the floral nectar in the Lithospermeae tribe – Clade C (BORAGINACEAE) and their guilds of pollinators
11:10 – 11:30	<b>Lorenza Vantaggiato</b> - Biomarkers and molecular pathways in lung disease onset, development, and therapeutic monitoring	15:30 – 15:50	<b>Claudio Cucini</b> - NGS applications to understand invertebrate biodiversity of Antarctica and mechanisms of gene expression involved in climatic changes
11:30 – 11:50	<b>Diego Moriconi</b> - Efficacy of Lisosan G (fermented wheat) on postprandial hypoglycemia after bariatric surgery	15:50	<b>Conclusion</b>