

# ENCONTRO SCIENTIA

June 12

12h00

Room 2.2.14, Ciências ULisboa

## Biological security as a pillar of societal resilience: A transdisciplinary perspective

Biological resilience, the capacity of systems and organisms to withstand, adapt, and recover from stressors, is increasingly vital in shaping societal resilience, particularly through the lens of biological security. This presentation explores the interplay between biological resilience and societal stability, emphasizing how robust systems underpin human security by mitigating risks from biological threats, such as pandemics, bioterrorism, and environmental disruptions. Drawing on transdisciplinary research, we examine how global health security strengthens societal frameworks against vulnerabilities. By integrating insights from biological security, we highlight strategies to bolster resilience at the individual, community, and global levels, ensuring sustainable protection against emerging biological challenges.



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