

464. kolokvij Hrvatskog genetičkog društva

Nanoantibiotics to fight multidrug resistant infections  
by Gram-positive bacteria

– Dr. sc. Francesca Berini –

Group of Microbial Biotechnology  
Department of Biotechnology and Life Sciences  
University of Insubria

3. svibnja 2023. u 14:30, Dvorana III, Institut Ruđer Bošković



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### Naslov predavanja:

*Nanoantibiotics to fight multidrug resistant infections by Gram-positive bacteria*

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### Predavačica:

Dr. sc. Francesca Berini

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**Vrijeme i mjesto:** 3. svibnja 2023. u 14:30, Dvorana III, Institut Ruđer Bošković

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### Životopis predavačice

Graduated in Industrial Biotechnology and Biocatalysis and with a PhD in Analysis, Protection and Management of the Biodiversity Resources, starting from 2015 Francesca Berini has been working in the group of Microbial Biotechnology at University of Insubria in Varese, Italy, first as post-doc and then, from March 2020, as assistant professor. Her main research interests include the discovery and characterization of specialized metabolites with antibiotic activity from filamentous actinomycetes and fungi, with a special focus on the optimization of fermentation conditions and on the rational genetic manipulation of producer strains. Moreover, she is also involved in research projects aimed at identifying and characterizing microbial enzymes of biotechnological interest, to be used as biopesticides or for the degradation and valorization of recalcitrant biomasses.

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