

Dipartimento di Biotecnologie e Bioscienze – UNIMIB

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Integrated approaches in microbial degradative functions for biomonitoring, biotechnological applications, and biodegradative purposes towards contaminants of emerging concern and plastic polymers

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Abstract: Environmental pollution is increasing manifolds due to anthropogenic activities and four decades of constant plastic accumulation is currently a great concern. The microbial degradative potential is an ecofriendly resource for biomonitoring, biotechnological, and bioremediation purposes. Among degrading microorganisms, bacteria belonging to *Rhodococcus* genus are noteworthy for their multiple interesting characteristics.

This seminar will show an overview of integrated “-omic” and functional approaches to investigate bacterial genetic and metabolic features for the biodegradation of emerging concern contaminants. Prominence results of synthetic plastic biodegradation will be shared.

Gli attestati di partecipazione al seminario sono validi anche per l'acquisizione dei CFU, per informazioni visitare la pagina del seminario
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