

1.	Record Nr.	UNICAMPANIAVAN00019630
	Titolo	International humanitarian law and other legal regimes : interplay in situations of violence : current problems of international humanitarian law, 4. : proceedings 27th round table, Sanremo, 4-6 september 2003 / edited by Guido Ravasi, Gian Luca Beruto
	Pubbl/distr/stampa	165 p. ; 24 cm
	ISBN	88-85010-99-7
	Edizione	[[S. I.] : Dragan european Foundation]
	Descrizione fisica	In testa al front: International Institute of humanitarian law, Institut international de droit humanitaire, Istituto internazionale di diritto umanitario
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910863102903321
	Titolo	Bacterial Volatile Compounds as Mediators of Airborne Interactions // edited by Choong-Min Ryu, Laure Weisskopf, Birgit Piechulla
	Pubbl/distr/stampa	Springer Singapore, 2020 Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
	ISBN	981-15-7293-3
	Edizione	[1st ed. 2020.]
	Descrizione fisica	1 online resource (340 pages)
	Disciplina	581.23
	Soggetti	Microbiology Botany Biomedical engineering Plant Sciences Applied Microbiology Biomedical Engineering/Biotechnology Bacteris Ecologia química Botànica econòmica Compostos orgànics Llibres electrònics

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Preface -- Chapter 1: The domain of bacteria and their metabolic potentials -- Chapter 2: The domain of bacteria and their metabolic potentials -- Chapter 3: Structural diversity of bacterial volatiles -- Chapter 4: In vivo and in vitro volatile organic compound (VOCs) analyses in bacterial diagnostics: case studies in agriculture and human diseases -- Chapter 5: How plants might recognize bacterial volatiles -- Chapter 6: Contribution of bacterial biogenic volatiles to chemical ecology -- Chapter 7: Bacterial volatile-mediated plant abiotic stress resistance -- Chapter 8: Integration of bacterial volatile organic compounds with plant health -- Chapter 9: Volatile interplay between microbes – friends and foes -- Chapter 10: Role and function of bacterial volatiles in tritrophic interactions -- Chapter 11: Cyanobacterial VOCs as allelopathic tools -- Chapter 12: Collection, detection, identification and analysis of bacterial VOCs -- Chapter 13: Using bacteria-derived Volatile Organic Compounds (VOCs) for industrial processes -- Chapter 14: Formulation and agricultural application of bacterial volatile compounds.</p>
Sommario/riassunto	<p>This book covers the fundamentals of bacterial volatile-mediated communication with other organisms, starting with the biosyntheses of volatile organic compounds (VOC), interactions with plants and animals, interactions with microbes, tools for data analysis, and their applications. With this foundation in place, the book subsequently focuses on understanding the effect of bacterial volatiles on plant growth promotion, discusses plant immunity, and lastly shares insights into future research directions. The book is divided into fourteen-in-depth chapters, each of which is designed to enrich readers' understanding of bacterial volatile compounds' functions and various applications. The pivotal roles of bacterial volatile compounds make this book essential reading for scientists and students of all biological disciplines seeking to fully understand microorganism responses and environmental adaptations. In addition to its value as a fundamental book for graduate students, it offers a clearly structured reference guide for all individuals working in microbiology.</p>