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Series: Biomaterials Science Series

ISSN: 2397-1401

Publisher: Royal Society of Chemistry

ISBN: 978-1-83767-170-0 Price: £179.00 | \$250.00 Publishing date: 19/07/2024

Target Audience: Professional and scholarly

Format: Hardback

Size:





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Series: Chemistry in the Environment

ISSN: 2516-2624

Publisher: Royal Society of Chemistry

ISBN: 978-1-83767-271-4 Price: £179.00 | \$250.00 Publishing date: 02/08/2024

Target Audience: Professional and scholarly

Format: Hardback

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Pages: 526 BIC: PSG, RNU, TQ THEMA: PNC, PSG, RNU BISAC: SCI013080, SCI045000

Microbial Bioremediation and Multiomics Technologies for Sustainable Development Recent Trends

Fuad Ameen King Saud University, Saudi Arabia Sartaj Ahmad Bhat Gifu University, Japan Vineet Kumar Central University of Rajasthan, India

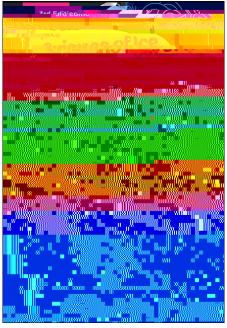
Synopsis

Microbial bioremediation utilizes diverse microbes to eliminate pollutants in contaminated environments. Modern multiomics technologies have produced valuable data, enhancing our grasp of degradation pathways and organism adaptability. This book highlights advancements in microb ial bioremediation, emphasizing the burgeoning "eld of multiomics technologies.

Brief Contents

- Microbial-mediated Pesticide Bioremediation
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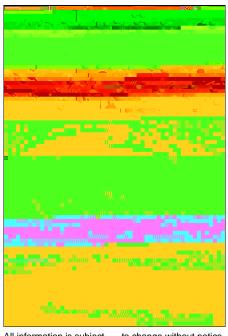




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Publisher: Royal Society of Chemistry

ISBN: 978-1-83767-401-5 Price: £179.00 | \$250.00 Publishing date: 24/07/2024

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Size: 234 x 156 (Royal 8vo) mm

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S-Heterocycles Retrospect, Prospects, and **Biological Applications**

Shrikaant Kulkarni Filantro"a Sarvada Cleantech Pvt. Ltd.. India

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Commerce Science College, India

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Synopsis

Heterocyclic compounds are vital in synthetic chemistry, pharmaceuticals, agrochemicals and materials science. This edited volume reports the latest developments in practical and selective reactions and methods involving carbenes and nitrenes and provides details of the structural diversity of heterocycles. Carbenes and nitrenes are highly reactive but controllable intermediates instrumental in a range of catalyti c transformations. It will be of immense help to academics, researchers and students pursuing research and looking at the future of heterocyclic chemistry.

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Thiazolidinediones

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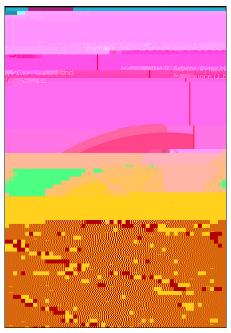
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