Microbial Exopolysaccharides

Current Research and Developments

Edited by:

Özlem Ateş Duru

Nişantaşı Üniversitesi, Istanbul, Turkey

Copyright © 2019

Caister Academic Press Norfolk, UK

www.caister.com

British Library Cataloguing-in-Publication Data A catalogue record for this book is available from the British Library

ISBN: 978-1-912530-26-7 (book) ISBN: 978-1-912530-27-4 (ebook)

Description or mention of instrumentation, software, or other products in this book does not imply endorsement by the author or publisher. The author and publisher do not assume responsibility for the validity of any products or procedures mentioned or described in this book or for the consequences of their use.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the publisher. No claim to original Government works.

Contents

Exploring the Capacity of Halophilic Microorgansisms to Synthesize Exopolysaccharides with Interesting Properties. Margarita Kambourova
Chapter 2
Chapter 35 Exopolysaccharide Production by Thermophilic Microorganisms. Songul Yasar Yildiz
Chapter 4
Chapter 5
Chapter 6
Chapter 7
Chapter 8
Chapter 9
Chapter 10
Chapter 11

Current books of interest

•	Bats and Viruses: Current Research and Future Trends	2020
•	SUMOylation and Ubiquitination: Current and Emerging Concepts	2019
•	Avian Virology: Current Research and Future Trends	2019
•	Polymerase Chain Reaction: Theory and Technology	2019
•	Pathogenic Streptococci: From Genomics to Systems Biology and Control	2019
•	Insect Molecular Virology: Advances and Emerging Trends	2019
•	Methylotrophs and Methylotroph Communities	2019
•	Prions: Current Progress in Advanced Research (Second Edition)	2019
•	Microbiota: Current Research and Emerging Trends	2019
•	Microbial Ecology: Current Advances from Genomics, Metagenomics and Other Omics	2019
•	Porcine Viruses: From Pathogenesis to Strategies for Control	2019
•	Lactobacillus Genomics and Metabolic Engineering	2019
•	Cyanobacteria: Signaling and Regulation Systems	2018
•	Viruses of Microorganisms	2018
•	Protozoan Parasitism: From Omics to Prevention and Control	2018
•	Genes, Genetics and Transgenics for Virus Resistance in Plants	2018
•	Plant-Microbe Interactions in the Rhizosphere	2018
•	DNA Tumour Viruses: Virology, Pathogenesis and Vaccines	2018
•	Pathogenic Escherichia coli: Evolution, Omics, Detection and Control	2018
•	$\label{lem:control_problem} \mbox{Postgraduate Handbook: A Comprehensive Guide for PhD and Master's Students and their Supervisors}$	2018
•	Enteroviruses: Omics, Molecular Biology, and Control	2018
•	Molecular Biology of Kinetoplastid Parasites	2018
•	Bacterial Evasion of the Host Immune System	2017
•	Illustrated Dictionary of Parasitology in the Post-Genomic Era	2017
•	Next-generation Sequencing and Bioinformatics for Plant Science	2017
•	Brewing Microbiology: Current Research, Omics and Microbial Ecology	2017
•	Metagenomics: Current Advances and Emerging Concepts	2017
•	The CRISPR/Cas System: Emerging Technology and Application	2017
•	Bacillus: Cellular and Molecular Biology (Third edition)	2017
•	Cyanobacteria: Omics and Manipulation	2017
•	Foot-and-Mouth Disease Virus: Current Research and Emerging Trends	2017
•	Staphylococcus: Genetics and Physiology	2016
•	Microbial Biodegradation: From Omics to Function and Application	2016
•	Influenza: Current Research	2016
•	Chloroplasts: Current Research and Future Trends	2016
•	The Bacteriocins: Current Knowledge and Future Prospects	2016

Full details at: www.caister.com