



Biomedical and Life Sciences : Life Sciences, Biological Sciences, Microbiology, Biotechnology, Industrial Microbiology

Fundamentals of Bacterial Physiology and Metabolism

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Springer

XXII, 670 p. 397 illus., 262 illus. in color.

Microbial metabolic pathways have been dealt with in a simplified, easy to understand manner to maximally benefit the beginners (under-graduates and graduates) who do not have background.

This book provides useful information on microbial physiology and metabolism. The key aspects covered are prokaryotic diversity, growth physiology, basic metabolic pathways and their regulation, metabolic diversity with details of various unique pathways. Another focus area is stress physiology with details on varying environmental stresses, signal transduction, adaptation and survival. For instructional purposes, the book provides case studies, interesting facts, techniques etc. which help in showcasing the inter-disciplinary nature and bridge the gap between various aspects of applied microbiology.

Printed Book

Paperback

ISBN 978-981-16-9619-0

Price - Rs- 2495 Available

Product Category - Monographs

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ISBN 978-981-16-0722-6 / BIC: PSG / SPRINGER NATURE: SCL23004

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Correction to: Fundamentals of Bacterial Physiology and Metabolism

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