

Essential Microbiology

Second Edition

Stuart Hogg *University of Glamorgan, UK*

Essential Microbiology second edition is a fully revised comprehensive introductory text aimed at students taking a first course in the subject. It provides an ideal entry into the world of microorganisms, considering all aspects of their biology (structure, metabolism, genetics), and illustrates the remarkable diversity of microbial life by devoting a chapter to each of the main taxonomic groupings. The second part of the book introduces the reader to aspects of applied microbiology, exploring the involvement of microorganisms in areas as diverse as food and drink production, genetic engineering, global recycling systems and infectious disease.

Essential Microbiology explains the key points of each topic but avoids overburdening the student with unnecessary detail. Now in full colour it makes extensive use of clear line diagrams to clarify sometimes difficult concepts or mechanisms. A companion web site includes further material including MCQs, enabling the student to assess their understanding of the main concepts that have been covered.

This edition has been fully revised and updated to reflect the developments that have occurred in recent years and includes a completely new section devoted to medical microbiology. Students of any life science degree course will find this a concise and valuable introduction to microbiology.



Also available
as an e-book

Companion Website

www.wiley.com/go/hogg/essentialmicrobiology

WILEY-BLACKWELL

www.wiley.com/wiley-blackwell

ISBN 978-1-119-97890-9



9 781119 978909