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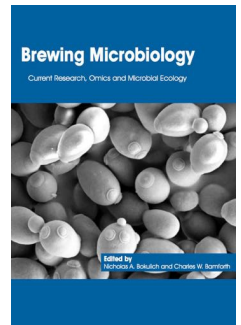
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Brewing Microbiology

Current Research, Omics and Microbial Ecology

Edited by: Nicholas A. Bokulich and Charles W. Bamforth
Published June 2017

www.caister.com/brewing Available now !!!
vi + 332 pp. £159, \$319.
Book: 978-1-910190-61-6. Ebook: 978-1-910190-62-3



This volume surveys the most **recent discoveries** in brewing microbiology, with an emphasis on omics techniques and other **modern technologies**. Discoveries in these areas have furthered our knowledge of brewing processes, with practical applications from barley growth and malting to yeast management, strain selection, fermentation control, and quality assurance. The chapters, written by experts in the field, aim not only to illuminate **recent progress**, but also to discuss its impact on brewing practices. Topics covered include the physiology, fermentation, taxonomy, diversity, typing, genetic manipulation, genomics and evolution of brewing yeasts. Further areas covered include the fungal contamination of barley and malt, spoilage by lactic acid bacteria and gram-negative bacteria, and beer-spoiling yeasts.

The book is highly recommended for anyone involved in the microbiology of brewing.

- **Chapter 1:** Brewing Yeast Physiology.
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Next-generation Sequencing

Current Technologies and Applications

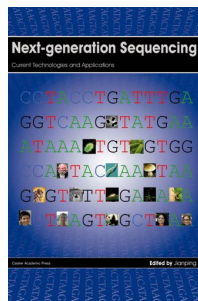
Edited by: J Xu

xii + 160 pp, 2014, £120, \$240

Book: 978-1-908230-33-1.

Ebook: 978-1-908230-95-9

"written in an accessible style" (*Zentralblatt Math*); "recommend this book to all investigators" (*ChemMedChem*)
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Probiotics and Prebiotics

Current Research and Future Trends

Edited by: K Venema, AP Carmo

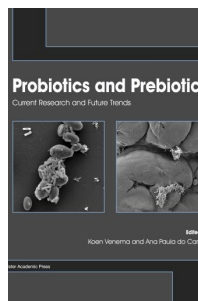
xvi + 508 pp, August 2015, £219, \$360

Book: 978-1-910190-09-8. Ebook:

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Containing 33 chapters, the book is an invaluable source of information and essential reading for everyone working with probiotics, prebiotics and the gut microbiota.

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Antifungals

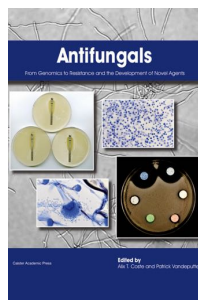
Edited by: AT Coste, P Vandeputte

x + 334 pp, April 2015, £159, \$319

Book: 978-1-910190-01-2. Ebook:

978-1-910190-02-9

"both timely and well-conceived" (*ChemMedChem*); "timely and scholarly overview" (*IMA Fungus*); "extremely valuable" (*CID*); "Reading this book was a real adventure" (*Gen. Physiol. Biophys.*); "an excellent addition to the personal or institutional library" (*Doodys*); "a valuable background" (*Fungal Diversity*)
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Metagenomics

Current Advances and Emerging Concepts

Edited by: D Marco

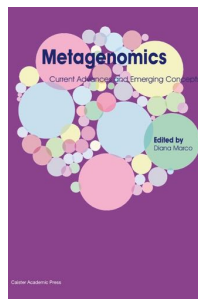
c. 120 pp, May 2017, £99, \$149

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Ebook: 978-1-910190-60-9

Cutting-edge and emerging conceptual and methodological tools used in metagenomics

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Aquatic Biofilms

Ecology, Water Quality and Wastewater Treatment

Edited by: AM Romani, H Guasch, MD Balaguer

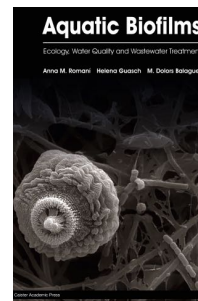
xii + 230 pp, January 2016, £159, \$319

Book: 978-1-910190-17-3. Ebook:

978-1-910190-18-0

"essential reference book" (*Biotechnol. Agron. Soc. Environ.*); "unique environmental focus" (*ASM: Small Things Considered*)

www.caister.com/aquaticbiofilms



MALDI-TOF Mass Spectrometry in Microbiology

Edited by: M Kostrzewa, S Schubert

x + 170 pp, June 2016, £159, \$319

Book: 978-1-910190-41-8.

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Overview of MALDI-TOF MS in key areas of microbiology and the impact of mass spectrometry in diagnostics, food microbiology, environmental microbiology and strain collections.

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Edited by: X Lu

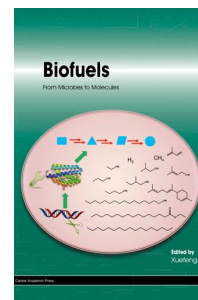
x + 248 pp, July 2014, £159, \$319

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"a timely overview" (*Biotechnol. Agron. Soc. Environ.*); "a highly recommended read" (*Front. Bioeng. Biotechnol.*)

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Biological Self-assembly and its Applications

Edited by: BHA Rehm

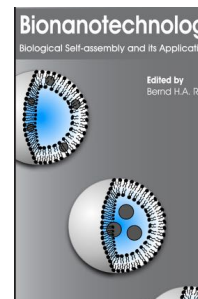
x + 310 pp, February 2013, £159, \$319

Book: 978-1-908230-16-4.

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"the most striking and successful approaches" *Book News*

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