



Bioluminescence: Fundamentals and Applications in Biotechnology - Volume 3 [

Thouand, Gérald

Marks, Robert

Chemistry Microbiology Biochemical engineering Genetic engineering
Biochemistry Chemistry Applied Microbiology Genetic Engineering
Biochemical Engineering Animal Biochemistry

Monografía

This book review series presents current trends in modern biotechnology. The aim is to cover all aspects of this interdisciplinary technology where knowledge, methods and expertise are required from chemistry, biochemistry, microbiology, genetics, chemical engineering and computer science. Volumes are organized topically and provide a comprehensive discussion of developments in the respective field over the past 3-5 years. The series also discusses new discoveries and applications. Special volumes are dedicated to selected topics which focus on new biotechnological products and new processes for their synthesis and purification. In general, special volumes are edited by well-known guest editors. The series editor and publisher will however always be pleased to receive suggestions and supplementary information. Manuscripts are accepted in English

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMTc5Mzc2NzE>

Título: Bioluminescence: Fundamentals and Applications in Biotechnology - Volume 3 [Recurso electrónico]
edited by Gérald Thouand, Robert Marks

Mención de serie: Advances in Biochemical Engineering/Biotechnology 154

Contenido: Lux and luc genes as reporter reactions : how to use them in molecular biology ? -- Measurement of bioluminescence intensity and spectrum: current physical techniques and principles -- Structure, Mechanism and Mutation of Bacterial Luciferase -- Detection of metals and organometallic compounds with microbial bioluminescent bioassays -- Bioluminescent microbial biosensors applied to on line detection of chemicals -- Let there be light! Bioluminescent imaging to study bacterial pathogenesis in live animals and plants -- Uses of the Photoprotein Aequorin in Biotechnology: Fundamental Properties and Genetic Engineering -- Whole-Cell Biosensors as Tools for the Detection of Quorum Sensing Molecules: Uses in Diagnostics and the Investigation of the Quorum Sensing Mechanism

Restricciones de acceso: Acceso restringido a miembros del Consorcio de Bibliotecas Universitarias de Andalucía

Detalles del sistema: Modo de acceso: world wide web

Fuente de adquisición directa: Springer (e-Books)

ISBN: 9783319274072 9783319274058

Autores: Thouand, Gérald Marks, Robert

Punto acceso adicional serie-Título: Advances in Biochemical Engineering/Biotechnology 154

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es