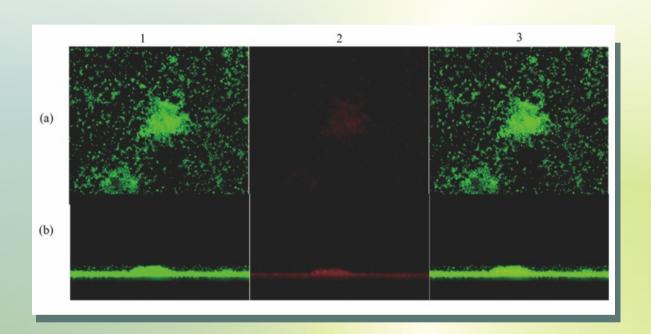


Advances in Microbiology





Journal Editorial Board

http://www.scirp.org/journal/aim

.....

Editors-in-Chief

Prof. Yung-Fu Chang Cornell University, USA

Prof. Alan W. Decho University of South Carolina, USA

Associate Editors-in-Chief

Dr. Thaddeus Chukwuemeka Ezeji

The Ohio State University & OARDC, USA

Dr. Chang-Hui Shen

University of New York (CUNY), USA

Dr. Richard A. Slayden Colorado State University, USA

Editorial Board

Dr. Kayanush (Kai) J. Aryana Louisiana State University, USA

Prof. Andrei L. Barkovskii Georgia College & State University, USA

Prof. Frans J. de Bruijn INRA/CNRS Laboratory of the Interaction Plant-Microorganisms, France

Prof. Sang Ho Choi Seoul National University, South Korea

Dr. Mohamed O. Elasri The University of Southern Mississippi, USA

Prof. Daniel Y. C. Fung

Ransas State University, USA

Prof. Elisabeth Grohmann

University of Freiburg, Germany

University of Helsinki, Finland

Prof. Ming-Liang HeThe Chinese University of Hong Kong, China

Prof. Carlos A. JerezUniversity of Chile, ChileDr. Zvi KelmanUniversity of Maryland, USADr. Jian LiMonash University, AustraliaProf. Yanbin LiUniversity of Arkansas, USADr. Pamela A. MarshallArizona State University, USAProf. James Gordon MitchellFlinders University, AustraliaDr. Xiaozhen MouKent State University, USA

Prof. Saleh A. NaserUniversity of Central Florida, USAProf. Michele K. NishiguchiNew Mexico State University, USA

Prof. Heui-Dong ParkKyungpook National University, South KoreaProf. Ales ProkopTechnical University Ostrava, Czech Republic

Prof. Alexander RapoportUniversity of Latvia, LatviaDr. Jyotisna SaxenaThe Ohio State University, USA

Dr. Joy SinhaANDalyze, Inc., USADr. Jun SunRush University, USA

Dr. Jimmy Siu Hung Tsang The University of Hong Kong, China

Dr. Michael K. WattersValparaiso University, USADr. Donghui WenPeking University, ChinaProf. Zhongtang YuThe Ohio State University, USAProf. Olga ZaborinaUniversity of Chicago, USADr. Zhe ZhangZhejiang University, China



Table of Contents

Volume 4	Number 4	March 2014
Thiol-Mediated	d Reduction of Staphylococcus aureus Tellurite Resistance	
B. Pugin, F. A.	. Cornejo, J. A. García, W. A. Díaz-Vásquez, F. A. Arenas, C. C. Vásquez	z183
The Influence of the Rhizospher	of Heated Soil in Crop of "Tamaris" Tomato Plants on the Biolore Soil	ogical Activity of
L. S. Paszt, P.	Trzciński, M. Bakalarska, R. Hołownicki, P. Konopacki, W. Treder	191
	e Fungus Colletotrichum gloeosporioides (Penz & Sacc.), Which pples after Harvesting	n Causes
S. B. Onofre, D	D. Antoniazzi	202
Virulence Facto	ors in Methicillin-Resistant Staphylococcus aureus Isolated fro	m ICU Units in Brazil
•	s. B. Campos, P. S. Oliveira, D. S. Sousa, D. C. C. Da Silva, V. M. Santos, A., M. P. Cruz, R. Yatsuda, L. M. Marques	
Clostridium bif	fermentans as an Aero-Tolerant Exponent of Strictly Anaerobe	Genera
K Leia K My	lyszka M Olkowicz W Juzwa K Czaczyk	216

Advances in Microbiology (AiM)

Journal Information

SUBSCRIPTIONS

The *Advances in Microbiology* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2014 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright $\ensuremath{\mathbb{O}}$ 2014 by author(s) and Scientific Research Publishing Inc.

REUSE RIGHTS FOR INDIVIDUAL PAPERS:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: aim@scirp.org



Call for Papers

Advances in Microbiology

http://www.scirp.org/journal/aim

Advances in Microbiology (AiM) is an international journal dedicated to the latest advancement of Microbiology. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Microbiology.

Editors-in-Chief

Prof. Yung-Fu Chang Prof. Alan W. Decho

Associate Editors-in-Chief

Dr. Thaddeus Chukwuemeka Ezeji Dr. Chang-Hui Shen Dr. Richard A. Slayden

Editorial Board

Dr. Kayanush (Kai) J. Aryana Dr. Zvi Kelman Prof. Alexander Rapoport Prof. Andrei L. Barkovskii Dr. Jian Li Dr. Jyotisna Saxena Prof. Frans J. de Bruijn Prof. Yanbin Li Dr. Joy Sinha Prof. Sang Ho Choi Dr. Pamela A. Marshall Dr. Jun Sun Prof. James Gordon Mitchell Dr. Mohamed O. Elasri Dr. Jimmy Siu Hung Tsang Prof. Daniel Y. C. Fung Dr. Xiaozhen Mou Dr. Michael K. Watters Prof. Elisabeth Grohmann Prof. Saleh A. Naser Dr. Donghui Wen Dr. Kaisa Haukka Prof. Michele K. Nishiguchi Prof. Zhongtang Yu Prof. Ming-Liang He Prof. Heui-Dong Park Prof. Olga Zaborina Prof. Carlos A. Jerez Prof. Ales Prokop Dr. Zhe Zhang

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Applied and Environmental Microbiology
- Bacteriology
- Microbial Taxonomy
- Microbiology and Biochemistry
- Microbiology and Ecology

- Microbiology and Genetics
- Microbiology and Immunology
- Microbiology and Physiology
- Mycology

E-Mail: aim@scirp.org

Other Disciplines of Microbiology

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

Website and E-Mail

http://www.scirp.org/journal/aim