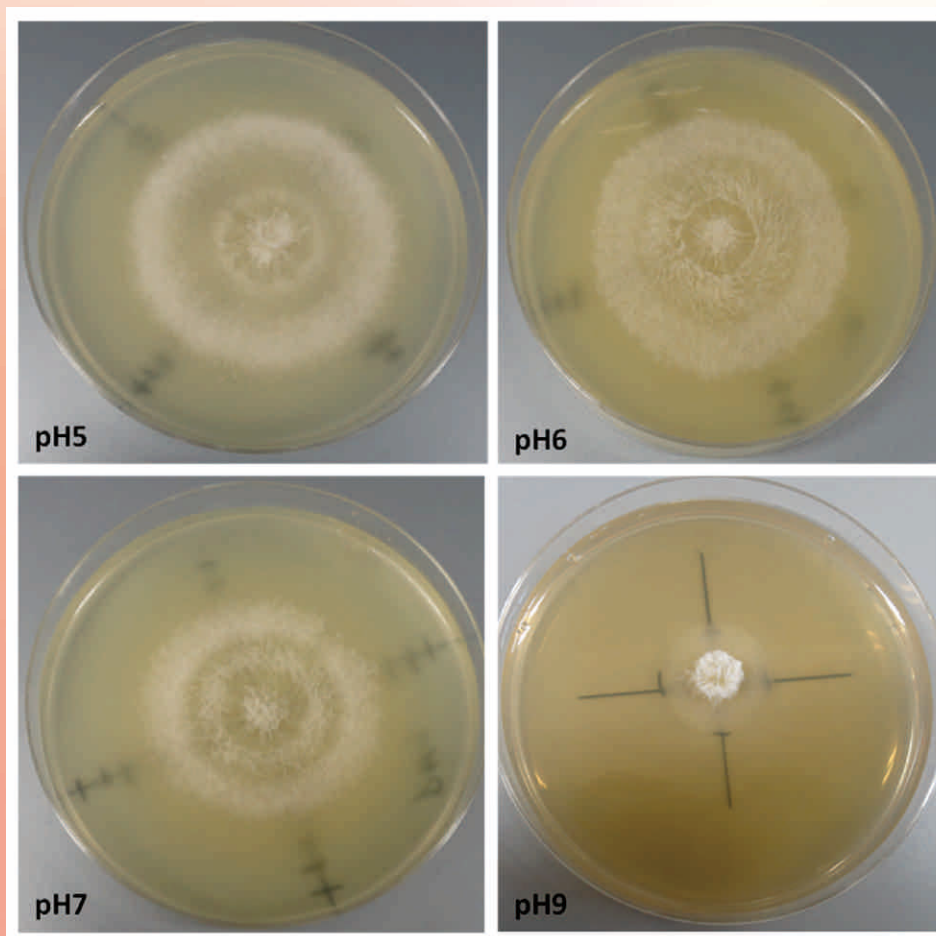


Advances in Microbiology



Journal Editorial Board

ISSN Print: 2165-3402 ISSN Online: 2165-3410

<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

Kansas State University, USA

Prof. Elisabeth Grohmann

University of Freiburg, Germany

Dr. Kaisa Haukka

University of Helsinki, Finland

Prof. Ming-Liang He

The Chinese University of Hong Kong, China

Prof. Carlos A. Jerez

University of Chile, Chile

Dr. Zvi Kelman

University of Maryland, USA

Dr. Jian Li

Monash University, Australia

Prof. Yanbin Li

University of Arkansas, USA

Dr. Pamela A. Marshall

Arizona State University, USA

Prof. James Gordon Mitchell

Flinders University, Australia

Dr. Xiaozhen Mou

Kent State University, USA

Prof. Saleh A. Naser

University of Central Florida, USA

Prof. Michele K. Nishiguchi

New Mexico State University, USA

Prof. Heui-Dong Park

Kyungpook National University, South Korea

Prof. Ales Prokop

Technical University Ostrava, Czech Republic

Prof. Alexander Rapoport

University of Latvia, Latvia

Dr. Jyotisna Saxena

The Ohio State University, USA

Dr. Joy Sinha

ANDalyze, Inc., USA

Dr. Jun Sun

Rush University, USA

Dr. Jimmy Siu Hung Tsang

The University of Hong Kong, China

Dr. Michael K. Watters

Valparaiso University, USA

Dr. Donghui Wen

Peking University, China

Prof. Zhongtang Yu

The Ohio State University, USA

Prof. Olga Zaborina

University of Chicago, USA

Dr. Zhe Zhang

Zhejiang University, China

Table of Contents

Volume 4 Number 5

April 2014

Relation between Antibacterial Activity against Food Transmitted Pathogens and Total Phenolic Compounds in Grape Pomace Extracts from Cabernet Sauvignon and Syrah Varieties

L. Sanhueza, M. Tello, M. Vivanco, L. Mendoza, M. Wilkens.....225

Identification and Expression Analysis of Regulatory Genes Induced by Near-Ultraviolet Irradiation in *Bipolaris oryzae*

J. Kihara, N. Tanaka, M. Ueno, S. Arase.....233

A Di-D-Fructose Dianhydride-Enriched Caramel Modulates Pig Fecal Microbiota Composition

L. A. Rubio, M. J. Peinado, A. Echávarri, R. Ruiz, E. Suárez-Pereira, C. O. Mellet, J. M. G. Fernández.....242

Suppression of Methane Gas Emissions and Analysis of the Electrode Microbial Community in a Sediment-Based Bio-Electrochemical System

Y. Ueno, Y. Kitajima.....252

Vegetative Development of *Sparassis crispa* in Various Growth Conditions and Effect of Electric Pulse Simulation on Its Fruit Body Production

M. U. Farooq, A. Chioza, S. Ohga.....267

Cellulase Production by Endophytic Strains of *Trichoderma reesei* from *Baccharis dracunculifolia* D. C. (Asteraceae)

S. B. Onofre, T. Bonfante, Z. M. Q. dos Santos, M. C. de Moura, A. F. Cardoso.....275

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 © 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

ISSN Print: 2165-3402 ISSN Online: 2165-3410

<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
 Prof. Andrei L. Barkovskii
 Prof. Frans J. de Bruijn
 Prof. Sang Ho Choi
 Dr. Mohamed O. Elasri
 Prof. Daniel Y. C. Fung
 Prof. Elisabeth Grohmann
 Dr. Kaisa Haukka
 Prof. Ming-Liang He
 Prof. Carlos A. Jerez

Dr. Zvi Kelman
 Dr. Jian Li
 Prof. Yanbin Li
 Dr. Pamela A. Marshall
 Prof. James Gordon Mitchell
 Dr. Xiaozhen Mou
 Prof. Saleh A. Naser
 Prof. Michele K. Nishiguchi
 Prof. Heui-Dong Park
 Prof. Ales Prokop

Prof. Alexander Rapoport
 Dr. Jyotisna Saxena
 Dr. Joy Sinha
 Dr. Jun Sun
 Dr. Jimmy Siu Hung Tsang
 Dr. Michael K. Watters
 Dr. Donghui Wen
 Prof. Zhongtang Yu
 Prof. Olga Zaborina
 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
- 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>

E-Mail: aim@scirp.org