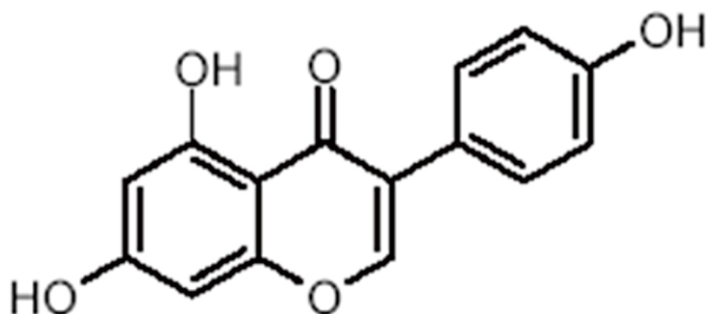


Advances in Biological Chemistry



ISSN: 2162-2183



Journal Editorial Board

ISSN 2162-2183 (Print) ISSN 2162-2191 (Online)

<http://www.scirp.org/journal/abc>

Editor in Chief

Prof. Gary W. Black

Northumbria University, UK

Editorial Board

Prof. Feng Wu Bai

Prof. Marilee Ann Benore

Dr. Eduardo Alberto Castro

Prof. Steven Feng Chen

Prof. Chi-Hin Cho

Prof. Howard William Clark

Dr. Madhu Dhar

Dr. Nicolay Ivanov Dodoff

Dr. Rossen M. Donev

Dr. Pablo R. Duchowicz

Prof. Asim K. Duttaroy

Dr. Hani El-Nezami

Dr. Purnachandra Nagaraju Ganji

Dr. Havard Jenssen

Prof. Phillip E. Klebba

Dr. Alexander A. Konstantinov

Dr. Shinichiro Kurosawa

Dr. David X. Liu

Dr. Peizhong Mao

Prof. Hara P. Misra

Dr. Jim Mixson

Prof. James Morré

Dr. Monalisa Mukherjea

Dr. Ali B. Naini

Dr. Moreno-Sánchez Rafael

Prof. Victor Domingo Ramirez

Prof. Pogaku Ravindra

Prof. David J. Riese II

Prof. Arun Seth

Dr. Rafat Siddiqui

Prof. Akira Sugawara

Dr. Vincent J. VanBuren

Dr. Ling Shing Wong

Dr. Jian Hui Wu

Dr. Deyu Xie

Dr. Tetiana Zaichuk

Dr. Tong Zhang

Dalian University of Technology, China

University of Michigan-Dearborn, USA

Universidad Nacional de La Plata, Argentina

Peking University, China

The Chinese University of Hong Kong, China

University of Southampton, UK

University of Tennessee, USA

Bulgarian Academy of Sciences, Bulgaria

Swansea University, UK

La Plata National University, Argentina

University of Oslo, Norway

University of Hong Kong, China

Emory University, USA

Roskilde University, Denmark

University of Oklahoma, USA

Moscow State University, Russia

Boston University, USA

Pennsylvania State University College of Medicine, USA

Oregon Health & Science University (OHSU), USA

Edward Via College of Osteopathic Medicine, USA

University of Maryland School of Medicine, USA

Purdue University, USA

University of Pennsylvania, USA

Columbia University Medical Center, USA

Instituto Nacional de Cardiología, Mexico

University of Chile, Chile

University Malaysia Sabah, Malaysia

Auburn University, USA

Sunnybrook Health Sciences Centre, Canada

Methodist Research Institute, USA

Tohoku University Graduate School of Medicine, Japan

Texas A&M HSC College of Medicine, USA

INTI International University, Malaysia

McGill University, Canada

North Carolina State University, USA

Northwestern University, USA

The University of Hong Kong, China

Advances in Biological Chemistry (ABC)

Journal Information

SUBSCRIPTIONS

The Advances in Biological Chemistry (Online at Scientific Research Publishing, www.Scirp.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$59 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©2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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 assumes 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:

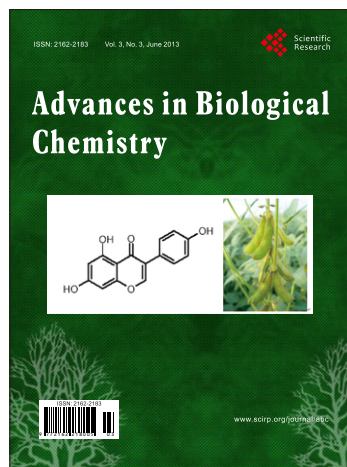
E-mail: abc@scirp.org

TABLE OF CONTENTS

Volume 3, Number 3, June 2013

Homeostatic cell cycle and the origin of autophagosomal vesicles	
A. Slomiany, B. L. Slomiany.....	275
Role of amino acid residues involved in the active cavity of proline iminopeptidase in catalytic activity	
K. K. Xing, H. Feng.....	288
Rad51 ATP binding but not hydrolysis is required to recruit Rad10 in synthesis-dependent strand annealing sites in <i>S. cerevisiae</i>	
J. Karlin, P. L. Fischhaber.....	295
Antioxidant potential of methanolic extracts and powders of some Cameroonian spices during accelerated storage of soybean oil	
H. M. Womeni, F. T. Djikeng, B. Tiencheu, M. Linder.....	304
Biological evaluation of 8-alkyl xanthines as potential cytotoxic agents	
R. Suravajhala, N. Suri, M. Bhagat, A. K. Saxena.....	314
Identification of the constitutive ultradian oscillator of the circadian clock (ENOX1) in <i>Saccharomyces cerevisiae</i>	
S. S. Dick, A. Ryuzoji, D. M. Morré, D. J. Morré.....	320
Physicochemical properties of lacquer berries and decolorization of lacquer wax by physical adsorption and UV irradiation	
C. Z. Wang, Y. Dong, H. X. Cheng, Y. F. He, J. Z. Ye, H. Zhou.....	329
Potential of proteins and their expression level in marine phytoplankton (<i>Prymnesium parvum</i>) as biomarker of N, P and Fe conditions in aquatic systems	
H. Hasegawa, M. M. Rahman, S. Kato, T. Maki, M. A. Rahman.....	338
Mitochondrial DNA sequence analysis in Anabantoidei fish	
G. Degani.....	347
The formulation for cancer prevention & therapy	
J. T. Thornthwaite, H. R. Shah, P. Shah, W. C. Peebles, H. Respass.....	356

The figure on the front cover is from the article published in Advances in Biological Chemistry, 2013, Vol. 3, No. 3, pp. 356-387 by Jerry T. Thornthwaite, *et al.*



Advances in Biological Chemistry (ABC)

ISSN 2162-2183 (Print) ISSN 2162-2191 (Online)

<http://www.scirp.org/journal/abc>

Advances in Biological Chemistry (ABC) is an international journal dedicated to the latest advancement of Biological Chemistry. 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 Biological Chemistry. 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:

- Animal and Human Biochemistry
- Applied Biochemistry and Biochemical Engineering
- Biochemical Immunology
- Biochemical Methods
- Biochemical Pharmacology and Toxicology
- Biomolecular Spectroscopy
- Computational Biochemistry and Biomolecular Modelling
- Enzymology
- Inorganic Biochemistry
- Lipid Biochemistry
- Medical Biochemistry
- Medicinal Chemistry
- Membrane Biochemistry
- Microbial Biochemistry
- Neurobiochemistry
- Nucleic Acids Biochemistry
- Peptide and Protein Biochemistry
- Plant Biochemistry
- Polysaccharide Biochemistry
- Structural Bioinformatics

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/abc>

E-mail: abc@scirp.org