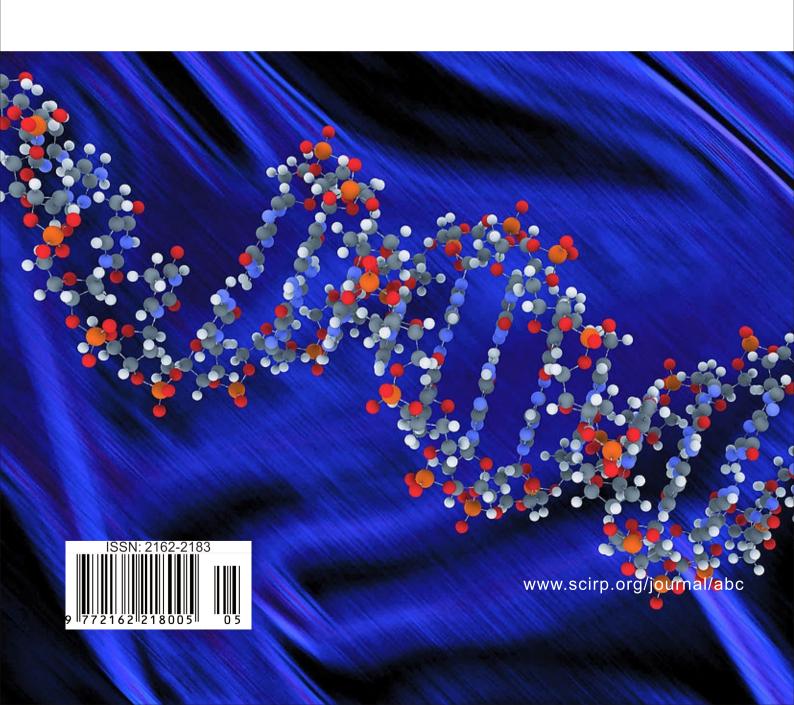


Advances in Biological Chemistry



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. Duttarov

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 Mukheriea

Dr. Ali B. Naini

Dr. Moreno-Sánchez Rafael Prof. Victor Domingo Ramirez

Prof. Pogaku Ravindra Prof. David J. Riese II

Prof. David J. Riese II Prof. Arun Seth

Dr. Rafat Siddiqui Prof. Akira Sugawara Dr. Vincent J. VanBuren Dr. Ling Shing Wong

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 Cardiologia, 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 North Carolina State University, USA

Northwestern University, USA

The University of Hong Kong, China

TABLE OF CONTENTS

Volume 3, Number 5, October 2013

Serum lipid growth curves for children and adolescents in predicting adult dyslipidemia (data from the Slovak Lipid Community Study)	
R. Alberty, D. Albertyová	419
Structure and interactions in α-crystallin probed through thiol group reactivity S. Saha, K. P. Das	427
Genetic Variation among various populations of spadefoot toads (<i>Pelobates syriacus</i> , Boettger, 1869) at breeding sites in northern Israel G. Degani.	44(
Thyroid function profile, and its association to consumption of cassava and Moringa stenopetala in pregnant women A. Z. Golla	
Determination of upper reference value of urinary calcium-creatinine ratio for the paediatric population in Burdwan district M. Pal, S. Datta, A. K. Pradhan, T. Ghosh, A. Ganguly, S. Basu, J. Ghosh, R. Rahut	455
Protein phosphorylation pathways disruption by pesticides G. Magnarelli, T. Fonovich	
Substituent effect on spectral and antimicrobial activity of Schiff bases derived from aminobenzoic acids	
F. N. Ejiah, T. M. Fasina, O. B. Familoni, F. T. Ogunsola	
Patatin-like PLA ₂ with cytotoxicity against mammalian and plant tumour cells B. Griffaut, E. Debiton, MJ. Galmier, A. Mustel, JC. Madelmont, G. Ledoigt	
Comparison between different methods of estimation of vitamin D M. Pal, S. Datta, A. K. Pradhan, L. Biswas, J. Ghosh, P. Mondal, R. Rahut, A. R. Chaudhuri, S. Sau, S. Das	501
Molecular cloning and characterization of an ECTO-NOX3 (ENOX3) of Saccharomyces cerevisiae S. Dick, C. Phung, D. M. Morré, D. J. Morré	505
Conformational flexibility of the pharmacologically important insulin analogues O. Ksenofontova, V. Stefanov	512
Repeated generalized seizures shortly after single intramuscular dose is an additional reasonable cause to restrict the use of ondansetron: A case report	
A. H. AbouGhalia, H. H. Shehata	518

Advances in Biological Chemistry (ABC)

Journal Information

SUBSCRIPTIONS

The Advances in Biological Chemistry (Online at Scientific Research Publishing, www.Scirp.org) is bimonthly 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: <u>abc@scirp.org</u>





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