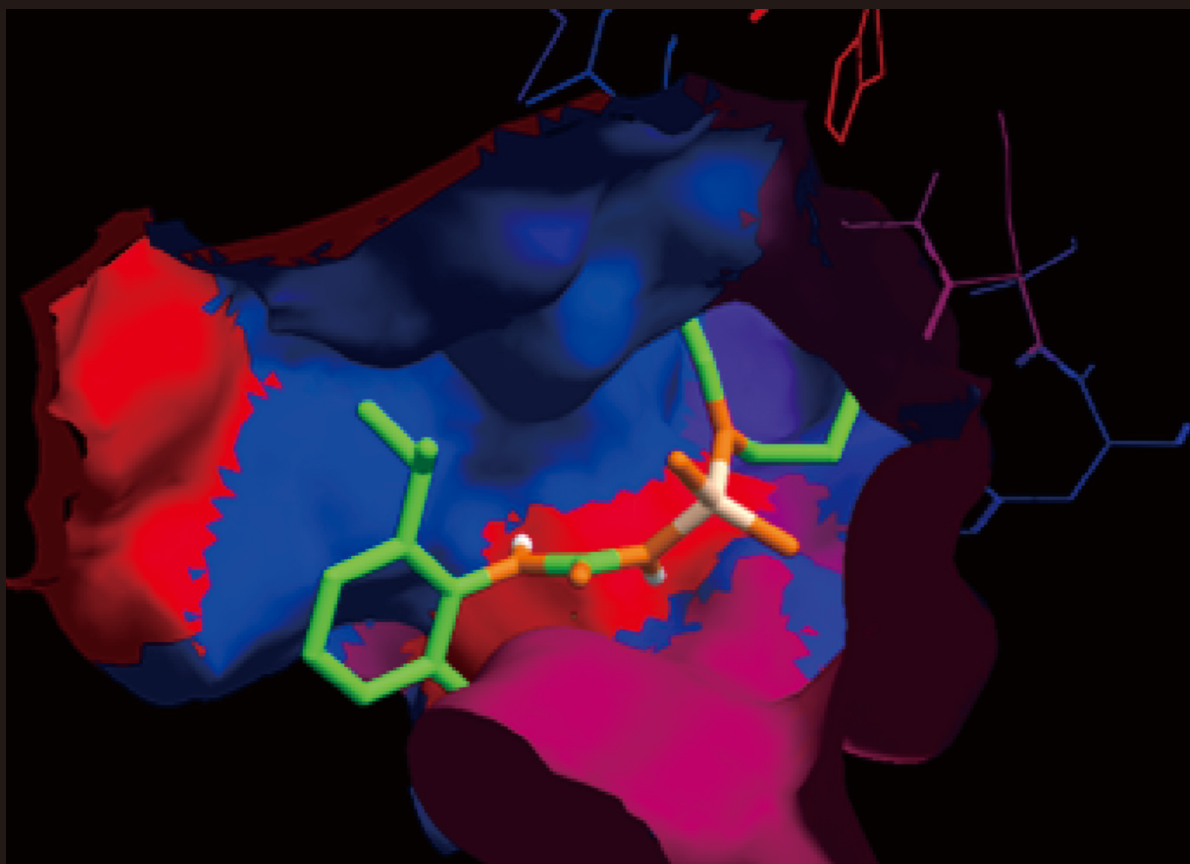




Open Journal of Medicinal Chemistry



ISSN: 2164-3121



Journal Editorial Board

ISSN Print: 2164-3121 ISSN Online: 2164-313X

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

Editor-in-Chief

Prof. James A. Radosevich

University of Illinois, USA

Associate Editors

Dr. Ahmed El-Shafei

North Carolina State University, USA

Dr. Sébastien Fortin

Laval University, Canada

Dr. Ramendra Pratap

University of Delhi, India

Dr. Yuk Yin Sham

University of Minnesota, USA

Dr. Arun K. Sharma

Penn State Hershey Cancer Institute, USA

Editorial Board

Dr. Apurba Bhattacharya

Texas A&M Kingsville, USA

Dr. Lanrong Bi

Michigan Technological University, USA

Prof. Joaquín Maria Campos

University of Granada, Spain

Prof. Mirko Diksic

McGill University, Canada

Dr. Derong Ding

University of Notre Dame, USA

Prof. Lei Fu

Shanghai Jiao Tong University, China

Dr. Sandrine Gerber

Institute of Chemical Sciences and Engineering, Switzerland

Prof. Amiram Goldblum

University of Jerusalem, Israel

Dr. Pankaj Kumar

National Institutes of Health (NIH), USA

Dr. Sonali Kurup

Roosevelt University, USA

Prof. Cosmas O. Okoro

Tennessee State University, USA

Dr. Georgi V. Petkov

University of South Carolina, Colombia

Prof. Yovani Marrero Ponce

Central University of Las Villas, Cuba

Dr. Lawrence A. Potempa

Roosevelt University, USA

Dr. Praveen P. Nekkar Rao

University of Waterloo, Canada

Dr. Shengmin Sang

North Carolina A&T State University, USA

Dr. Murat Sentürk

Agri Ibrahim Cecen University, Turkey

Dr. Venkataswamy Sorna

University of Utah, USA

Dr. Min Su

University of Michigan, USA

Dr. Tiziano Tuccinardi

University of Pisa, Italy

Prof. Claudete J. Valduga

Bandeirante University of Sao Paulo, Brazil

Dr. Jenny Wong

University of Wollongong, Australia

Dr. Yanbo Zhang

The University of Hong Kong, China

TABLE OF CONTENTS

Volume 3 Number 4

December 2013

Piericidins, Novel Quorum-Sensing Inhibitors against *Chromobacterium violaceum* CV026, from *Streptomyces* sp. TOHO-Y209 and TOHO-O348

K. Ooka, A. Fukumoto, T. Yamanaka, K. Shimada, R. Ishihara, Y. Anzai, F. Kato.....93

Physicochemical 2D-Qsar and 3D Molecular Docking Studies on N-Chlorosulfonyl Isocyanate Analogs as Sterol O-Acyl Transferase-1 “Soat-1” Inhibitors

K. El Akri, R. Mouhibi, M. Zahouily, N. Hanafi, M. A. Bahlaoui.....100

New Green Synthesis and Antineoplastic Activity of Bis (3-Arylimidazolidinyl-1) Methanes

M. C. Caterina, I. A. Perillo, X. Villalonga, N. Amiano, C. Payés, M. L. Sanchez, A. Salerno.....121

Synthesis and Evaluation of 2-Amino-4H-Pyran-3-Carbonitrile Derivatives as Antitubercular Agents

C. X. Chen, M. H. Lu, Z. H. Liu, J. T. Wan, Z. C. Tu, T. Y. Zhang, M. Yan.....128

The figure on the front cover is from the article published in Open Journal of Medicinal Chemistry, 2013, Vol. 3, No. 4, pp. 100-120 by Khalid El Akri, *et al.*

Open Journal of Medicinal Chemistry (OJMC)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Medicinal 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 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.

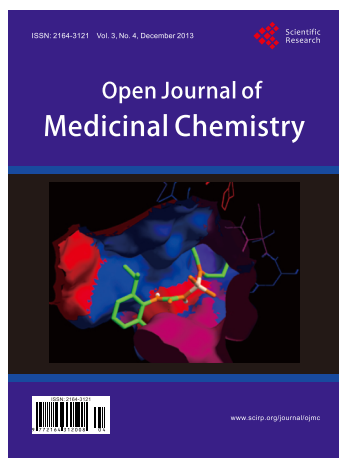
PRODUCTION INFORMATION

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

E-mail: ojmc@scirp.org

Open Journal of Medicinal Chemistry

ISSN Print: 2164-3121 ISSN Online: 2164-313X
<http://www.scirp.org/journal/ojmc/>



Open Journal of Medicinal Chemistry (OJMC) is an international journal dedicated to the latest advancement of medicinal 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 medicinal chemistry.

Editor-in-Chief

Prof. James A. Radosevich

University of Illinois, USA

Associate Editors

Dr. Ahmed El-Shafei
Dr. Sébastien Fortin
Dr. Ramendra Pratap
Dr. Yuk Yin Sham
Dr. Arun K. Sharma

North Carolina State University, USA
Laval University, Canada
University of Delhi, India
University of Minnesota, USA
Penn State Hershey Cancer Institute, USA

Editorial Board

Dr. Apurba Bhattacharya
Dr. Lanrong Bi
Prof. Joaquín Maria Campos
Prof. Mirko Diksic
Dr. Derong Ding
Prof. Lei Fu
Dr. Sandrine Gerber
Prof. Amiram Goldblum
Dr. Pankaj Kumar
Dr. Sonali Kurup
Prof. Cosmas O. Okoro
Dr. Georgi V. Petkov
Prof. Yovani Marrero Ponce
Dr. Lawrence A. Potempa
Dr. Praveen P. Nekkar Rao
Dr. Shengmin Sang
Dr. Murat Sentürk
Dr. Venkataswamy Sorna
Dr. Min Su
Dr. Tiziano Tuccinardi
Prof. Claudete J. Valduga
Dr. Jenny Wong
Dr. Yanbo Zhang

Texas A&M Kingsville, USA
Michigan Technological University, USA
University of Granada, Spain
McGill University, Canada
University of Notre Dame, USA
Shanghai Jiao Tong University, China
Institute of Chemical Sciences and Engineering, Switzerland
University of Jerusalem, Israel
National Institutes of Health (NIH), USA
Roosevelt University, USA
Tennessee State University, USA
University of South Carolina, Colombia
Central University of Las Villas, Cuba
Roosevelt University, USA
University of Waterloo, Canada
North Carolina A&T State University, USA
Agri Ibrahim Cecen University, Turkey
University of Utah, USA
University of Michigan, USA
University of Pisa, Italy
Bandeirante University of Sao Paulo, Brazil
University of Wollongong, Australia
The University of Hong Kong, China

Subject Coverage

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. Topics to be covered by this journal include, but are not limited to the following fields:

- Biotherapeutics including Molecular Biology, Production, Purification and Formulation
- Drug Design
- Drug Mechanism of Action
- Heterocyclic Chemistry
- Molecular Modeling and Computational Chemistry
- Organic Chemistry
- Peptidomimetics
- Synthesis Strategies including New Concepts

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.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

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

E-mail: ojmc@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, world-wide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Website: <http://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org