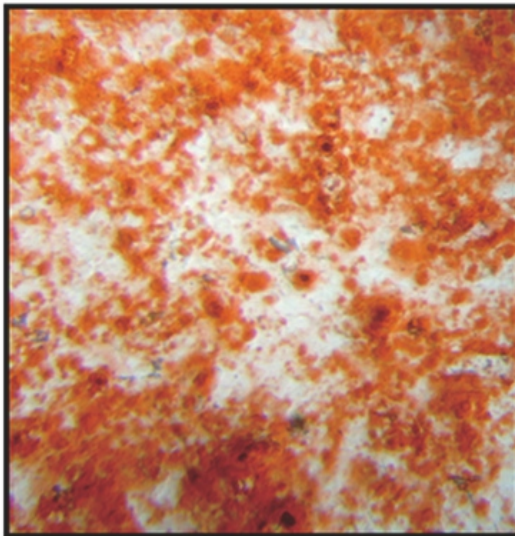
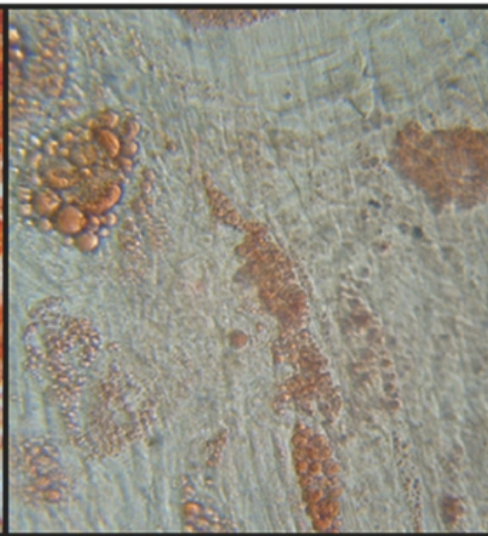


CellBio

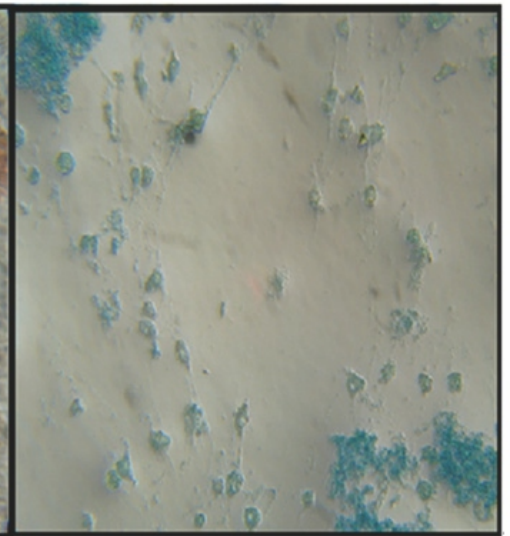
(a) Osteoblasts



(b) Adipocytes



(c) Chondrocytes



ISSN: 2325-7776



www.scirp.org/journal/cellbio

Journal Editorial Board

ISSN Print: 2325-7776

ISSN Online: 2325-7792

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

Editor-in-Chief

Dr. Bor Luen Tang

National University of Singapore, Singapore

Editorial Board

Prof. David W. Barnes

Georgia Gwinett College, USA

Dr. Paola Bellosta

Columbia University, USA

Prof. Olen R. Brown

University of Missouri, USA

Dr. Federico Calegari

Dresden University of Technology, Germany

Dr. Andrew Craig

Queen's University, Canada

Dr. Iryna M. Ethell

University of California, USA

Dr. Azizul Haque

Medical University of South Carolina, USA

Dr. Zonglie Hong

University of Idaho, USA

Dr. Shile Huang

Louisiana State University Health Sciences Center, USA

Prof. Yunfeng Lin

Sichuan University, China

Dr. Wange Lu

University of Southern California, USA

Dr. Wenpei Ma

University of Southern California, USA

Prof. Carlos Martínez-A.

Universidad Autónoma, Spain

Prof. George Perry

University of Texas at San Antonio, USA

Dr. Hee-Jeong Sampen

Rush University, USA

Prof. Juan Sastre

University of Valencia, Spain

Prof. Jean Sévigny

Université Laval, Canada

Prof. Zhixiang Wang

University of Alberta, Canada

Prof. Qiang Wu

Shanghai Jiao Tong University, China

Dr. Cangbao Xu

Xi'an Jiaotong University, China

Table of Contents

Volume 3 Number 1

March 2014

Expression of PKC Iota Affects Neuronal Differentiation of PC12 Cells at Least Partly Independent of Kinase Function

A. Doonachar, A. R. Schoenfeld.....1

Combined Effect of Water Deficit and Salt Stress on the Structure of Mesophyll Cells in Wheat Seedlings

G. Semenova, I. Fomina, A. Ivanov.....14

Optimization of the Cultivation of Donor Mesenchymal Stromal Cells for Clinical Use in Cellular Therapy

V. Valim, B. Amorin, A. Pezzi, M. A. L. da Silva, A. P. Alegretti, L. Silla.....25

Open Journal of Cell Biology (CellBio)

Journal Information

SUBSCRIPTIONS

The *CellBio* (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 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.

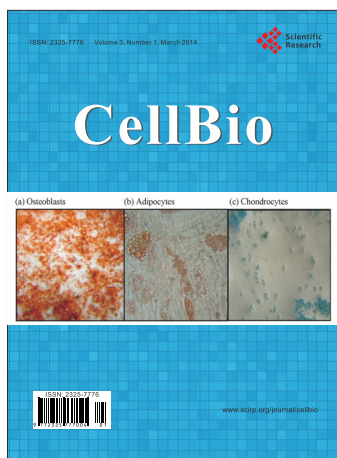
DISCLAIMER OF LIABILITY

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: cellbio@scirp.org



Call for Papers

CellBio

ISSN Print: 2325-7776 ISSN Online: 2325-7792

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

CellBio (cellbio) is an international journal dedicated to the latest advancement of Cell Biology. 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 Cell Biology. 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:

- Cell Biophysics
- Cell Physiology
- Cell Structure and Morphology
- Cells Evolution
- Cellular Immunology
- Cytopathology
- Membrane Biology
- Stem Cell Biology

We are also interested in: 1) Reviews; 2) Short communications (limited to ≤ 4 printed pages, 2 figures, could take the form of short definitive pieces of research reports, well-constructed and concisely written novel hypothesis or critical commentary of an important topic in cell biology).

Website and E-Mail

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

E-mail: cellbio@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