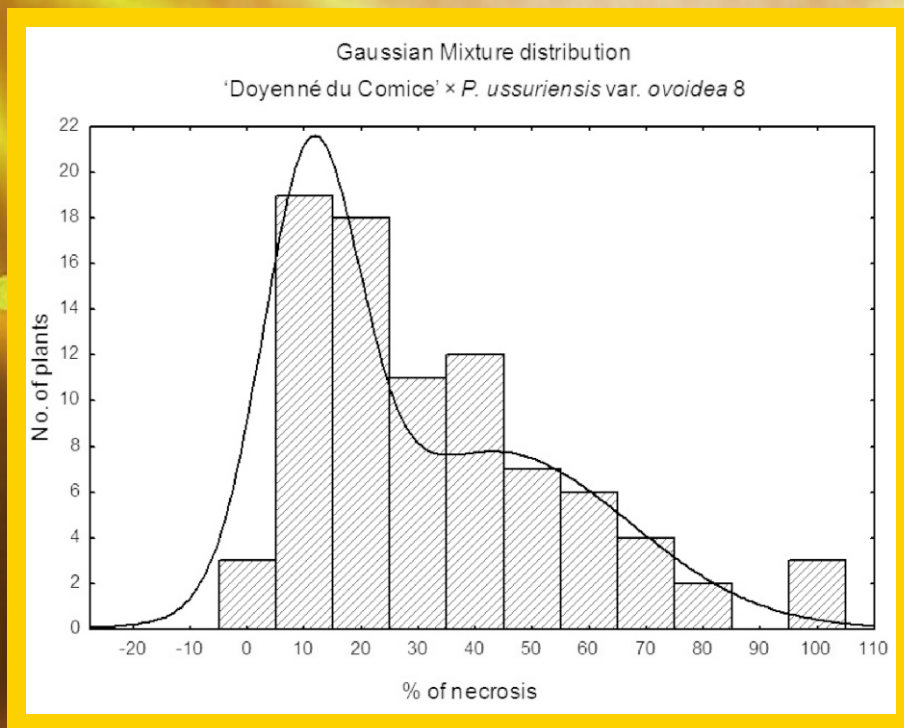




Open Journal of Genetics



ISSN: 2162-4453



Journal Editorial Board

ISSN: 2162-4453 (Print), 2162-4461 (Online)

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

Editor-in-Chief

Prof. Benoît Chénais Université du Maine, France

Editorial Board

Prof. Jinsong Bao Zhejiang University, China
Dr. Gonzalo Blanco University of York, UK
Prof. Yurov Yuri Boris Russian Academy of Medical Sciences, Russia
Prof. Hassen Chaabani University of Monastir, Tunisia
Dr. Ming-Shun Chen Kansas State University, USA
Dr. Craig E. Coleman Brigham Young University, USA
Dr. Philip D. Cotter American College of Medical Genetics, USA
Dr. Clark Ford Iowa State University, USA
Dr. Andreas Futschik University of Vienna, Austria
Dr. Cenci Giovanni University of L'Aquila, Italy
Dr. Tomonobu Hasegawa Keio University School of Medicine, Japan
Dr. Karen Elise Heath Hospital Universitario La Paz, Spain
Prof. Gregg E. Homanics University of Pittsburgh, USA
Dr. Nilüfer Karadeniz Ankara Training and Research Hospital, Germany
Prof. Presa Martínez Universidad de Vigo, Spain
Dr. James Michael Mason National Institute of Environmental Health Sciences, USA
Prof. Pratibha Nallari Osmania University, India
Dr. Georges Nemer American University of Beirut, Lebanon
Prof. Ettore Olmo Università Politecnica delle Marche, Italy
Dr. Surasak Sangkhathat Prince of Songkla University, Thailand
Prof. Bernd Schierwater Yale University, USA
Dr. Ronnie Sebro University of California, USA
Prof. Genlou Sun Saint Mary's University, Canada
Dr. Reshma Taneja National University of Singapore, Singapore

Guest Reviewers

Theopoline Itenge

Paul Merlob

Charles Schwartz

TABLE OF CONTENTS

Volume 2, Number 2, June 2012

Mutation screening of muscle development genes in patients with idiopathic clubfoot	
C. L. Groth, V. Buffard, J. Morcuende, V. C. Sheffield.....	83
On the claimed “circularity” of the theory of natural selection	
P. Portin.....	88
The genetic architecture of insecticide resistance within a natural population of <i>Drosophila melanogaster</i>	
T. Miyo.....	90
Microbial community diversity analysis of <i>Panax ginseng</i> rhizosphere and non-rhizosphere soil using randomly amplified polymorphic DNA method	
Y. Li, Y. X. Ying, D. Y. Zhao, W. L. Ding.....	95
Bayesian genetic analysis of milk yield in Tunisian Holstein dairy cattle population	
H. Ilahi, M. B. Hammouda, M. H. Othmane.....	103
Inheritance of fire blight resistance in Asian <i>Pyrus</i> species	
K. L. Bokszczanin, A. A. Przybyla, M. Schollenberger, D. Gozdowski, W. Madry, S. Odziemkowski.....	109
Genetic diversity and population structure of <i>Prochilodus costatus</i> and <i>Prochilodus argenteus</i> preceding dam construction in the Paraopeba River, São Francisco River Basin, Minas Gerais, Brazil	
T. M. Barroca, F. P. Arantes, B. F. Magalhães, F. F. Siqueira, C. C. R. Horta, I. F. Pena, J. A. Dergam, E. Kalapothakis.....	121

The figure on the front cover is from the article published in Open Journal of Genetics, 2012, Vol. 2, No. 2, pp. 109-120 by Kamila L. Bokszczanin, *et al.*

Open Journal of Genetics (OJGen)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Genetics* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 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©2012 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: ojgen@scirp.org



Open Journal of Genetics

ISSN: 2162-4453 (Print), 2162-4461 (Online)

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

Editor-in-Chief

Prof. Benoît Chénais

Université du Maine, France

Editorial Board

Prof. Jinsong Bao
Dr. Gonzalo Blanco
Prof. Yurov Yuri Boris
Prof. Hassen Chaabani
Dr. Ming-Shun Chen
Dr. Craig E. Coleman
Dr. Philip D. Cotter
Dr. Clark Ford
Dr. Andreas Futschik
Dr. Cenci Giovanni
Dr. Tomonobu Hasegawa
Dr. Karen Elise Heath

Prof. Gregg E. Homanics
Dr. Nilüfer Karadeniz
Prof. Presa Martínez
Dr. James Michael Mason
Prof. Pratibha Nallari
Dr. Georges Nemer
Prof. Ettore Olmo
Dr. Surasak Sangkhathat
Prof. Bernd Schierwater
Dr. Ronnie Sebro
Prof. Genlou Sun
Dr. Reshma Taneja

Open Journal of Genetics (OJGen) is an international journal dedicated to the latest advancement of Genetics. 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 Genetics. 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:

- Behavioural genetics
- Classical genetics
- Conservation genetics
- Developmental genetics
- Ecological genetics
- Epigenetics
- Evolutionary genetics
- Genetic engineering
- Genetics of intelligence
- Genomics
- Human genetics
- Medical genetics
- Microbial genetics
- Molecular genetics
- Population genetics
- Psychiatric genetics
- Quantitative genetics
- Technical tips and improvement

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/ojgen>

E-mail: ojgen@scirp.org