

World Journal of *Hematology*

World J Hematol 2012 June 6; 1(1): 1-4





Editorial Board

2012-2016

The *World Journal of Hematology* Editorial Board consists of 102 members, representing a team of worldwide experts in hematology. They are from 26 countries, including Argentina (2), Austria (1), Belgium (1), Brazil (1), Canada (1), China (4), Denmark (1), France (6), Germany (4), Greece (4), India (1), Iran (1), Israel (1), Italy (9), Japan (9), Luxembourg (1), Mexico (1), Netherlands (7), Norway (2), Romania (1), Singapore (1), Spain (5), Thailand (1), Turkey (3), United Kingdom (8), and United States (26).

EDITOR-IN-CHIEF

Xiaoyan Jiang, *Vancouver*
Thomas J Kipps, *San Diego*

GUEST EDITORIAL BOARD MEMBERS

Hwei-Fang Tien, *Taipei*

MEMBERS OF THE EDITORIAL BOARD



Argentina

Ricardo Forastiero, *Buenos Aires*
Mirta A Schattner, *Buenos Aires*



Austria

Richard H Moriggl, *Vienna*



Belgium

Xavier Sagaert, *Leuven*



Brazil

Constantino J Fernandes Jr, *São Paulo*



China

Anskar YH Leung, *Hong Kong*
Raymond HS Liang, *Hong Kong*
Xiao-Yu Tian, *Hong Kong*



Denmark

Erik Lerkevang Grove, *Aarhus*



France

Emmanuel Andres, *Strasbourg*
Claude Bagnis, *Marseille*
Bernard Binetruy, *Marseille*
Cyril Fauriat, *Marseille*
Florence Nguyen Khac, *Paris*
Xavier G Thomas, *Lyon*



Germany

Arnold Ganser, *Hannover*
Dirk Matthias Hermann, *Essen*
Rory R Koenen, *Munich*
Zhixiong Li, *Hannover*



Greece

Anastasios G Kriebardis, *Athens-Piraeus*
MC Kyrtsonis, *Athens*
Gerassimos A Pangalis, *Athens*
Issidora S Papassideri, *Athens*



India

Gurudutta U Gangenahalli, *Delhi*



Iran

Shahram Teimourian, *Tehran*



Israel

Avichai Shimoni, *Tel-Hashomer*



Italy

Luca Arcaini, *Pavia*
Vincenzo Casolaro, *Baronissi*
Alessia Colosimo, *Teramo*
Raimondo De Cristofaro, *Rome*
Claudio Fozza, *Sassari*
Edoardo G Giannini, *Genova*
Alessandro Poggi, *Genoa*
Sergio M Siragusa, *Palermo*
Elena Zocchi, *Genova*



Japan

Xian Wu Cheng, *Nagoya*
Seiji Fukuda, *Izumo*
Satoshi Hagiwara, *Yufu*
Shinsaku Imashuku, *Takasago*
Masanobu Kitagawa, *Tokyo*
Tetsuya Nosaka, *Tsu*
Masao Seto, *Nagoya*
Toshiki Shimizu, *Moriguchi*
Masafumi Takahashi, *Shimotsuke*



Luxembourg

Jacques Zimmer, *Luxembourg*



Mexico

Agustin Avilés, *Mexico*



Netherlands

Miranda Buitenhuis, *Rotterdam*
Roland P Kuiper, *Nijmegen*

JJ Michiels, *Erasmus*
 Gerry AF Nicolaes, *Maastricht*
 P Sonneveld, *Rotterdam*
 Arnold Spek, *Amsterdam*
 Ruurd Torensma, *Nijmegen*



Norway

Mikhail Sovershaev, *Tromsø*
 Brynjar Foss, *Stavanger*



Romania

Adriana Georgescu, *Bucharest*



Singapore

Jerry Chan, *Singapore*



Spain

Matilde Canelles, *Granada*
 Slaven Erceg, *Seville*

Julian Pardo, *Zaragoza*
 Josep-Maria Ribera, *Badalona*
 Juan M Zapata, *Madrid*



Thailand

Chirayu U Auewarakul, *Bangkok*



Turkey

Mutay Aslan, *Antalya*
 Murat Biteker, *Istanbul*
 Ertan Yetkin, *Mersin*



United Kingdom

Dominique Bonnet, *London*
 Helen A Ireland, *London*
 Charles H Lawrie, *Oxford*
 Drew Provan, *London*
 Dipak P Ramji, *Cardiff*
 Sabrina Tosi, *Uxbridge*
 Shao-An Xue, *London*
 Jianguo J Zhuang, *Liverpool*



United States

Julia E Brittain, *Chapel Hill*
 Chung-Che Chang, *Houston*
 Zeev Estrov, *Houston*
 Steve Fiering, *Lebanon*
 Suzanne T Ildstad, *Louisville*
 Ming Jiang, *Nashville*
 Katsuhiko Kita, *Galveston*
 Robert G Lerner, *Valhalla*
 Shaoguang Li, *Worcester*
 Dazhi Liu, *Sacramento*
 Ming-Lin Liu, *Philadelphia*
 Surya Nauli, *Toledo*
 Steffan Nawrocki, *San Antonio*
 Manuel L Penichet, *Los Angeles*
 Luis F Porrata, *Rochester*
 Rehan Qayyum, *Baltimore*
 Guangwen Ren, *New Brunswick*
 Xiaoping Ren, *Mason*
 Jatin J Shah, *Houston*
 Angus M Sinclair, *Thousand Oaks*
 Ali A Sovari, *Chicago*
 Zack Z Wang, *Scarborough*
 Ellen Lori Weisberg, *Boston*
 Wen-Shu Wu, *Scarborough*
 Karina Yazdanbakhsh, *New York*



World Journal of Hematology

Contents

Bimonthly Volume 1 Number 1 June 6, 2012

EDITORIAL

1

An exciting time to launch the *World Journal of Hematology*

Jiang X

Contents

World Journal of Hematology
Volume 1 Number 1 June 6, 2012

ACKNOWLEDGMENTS I Acknowledgments to reviewers of *World Journal of Hematology*

APPENDIX I Meetings

I-V Instructions to authors

ABOUT COVER Jiang X. An exciting time to launch the *World Journal of Hematology*.
World J Hematol 2012; 1(1): 1-4
<http://www.wjgnet.com/2218-6204/full/v1/i1/1.htm>

AIM AND SCOPE

World Journal of Hematology (*World J Hematol*, *WJH*, online ISSN 2218-6204, DOI: 10.5315) is a bimonthly peer-reviewed, online, open-access (OA), journal supported by an editorial board consisting of 102 experts in hematology from 26 countries.

The aim of *WJH* is to report rapidly new theories, methods and techniques for prevention, diagnosis, treatment, rehabilitation and nursing in the field of hematology. *WJH* covers experimental, clinical, oncological and transplant hematology, transfusion science, hemostasis and thrombosis, traditional medicine, integrated Chinese and Western medicine, evidence-based medicine, epidemiology and nursing. The journal also publishes original articles and reviews that report the results of applied and basic research in fields related to hematology, such as immunology, physiopathology, cell biology, pharmacology, medical genetics, and pharmacology of Chinese herbs.

FLYLEAF I-II Editorial Board

EDITORS FOR THIS ISSUE

Responsible Assistant Editor: Jin-Lei Wang
Responsible Electronic Editor: Xiao-Mei Zheng
Proofing Editor-in-Chief: Lian-Sheng Ma

Responsible Science Editor: Jin-Lei Wang
Proofing Editorial Office Director: Jin-Lei Wang

NAME OF JOURNAL
World Journal of Hematology

ISSN
ISSN 2218-6204 (online)

LAUNCH DATE
June 6, 2012

FREQUENCY
Bimonthly

EDITING
Editorial Board of *World Journal of Hematology*
Room 903, Building D, Ocean International Center,
No. 62 Dongsihuan Zhonglu, Chaoyang District,
Beijing 100025, China
Telephone: +86-10-85381891
Fax: +86-10-85381893
E-mail: wjhematol@wjgnet.com
<http://www.wjgnet.com>

EDITOR-IN-CHIEF
Xiaoyan Jiang, MD, PhD, Associate Professor,
Medical Genetics, University of British Columbia, Terry

Fox Laboratory, British Columbia Cancer Agency, 675
West 10th Ave, Vancouver, BC, V5Z 1L3, Canada

Thomas J Kipps, MD, PhD, Professor of Medicine,
University of California, San Diego, Moores Cancer
Center, 3855 Health Sciences Drive, MC 0820, La Jolla,
CA 92093-0820, United States

EDITORIAL OFFICE
Jin-Lei Wang, Director
World Journal of Hematology
Room 903, Building D, Ocean International Center,
No. 62 Dongsihuan Zhonglu, Chaoyang District,
Beijing 100025, China
Telephone: +86-10-85381891
Fax: +86-10-85381893
E-mail: wjhematol@wjgnet.com
<http://www.wjgnet.com>

PUBLISHER
Baishideng Publishing Group Co., Limited
Room 1701, 17/F, Henan Building,
No.90 Jaffe Road, Wanchai, Hong Kong, China
Fax: +852-31158812
Telephone: +852-58042046

E-mail: bpg@baishideng.com
<http://www.wjgnet.com>

PUBLICATION DATE
June 6, 2012

COPYRIGHT
© 2012 Baishideng. Articles published by this Open-Access journal are distributed under the terms of the Creative Commons Attribution Non-commercial License, which permits use, distribution, and reproduction in any medium, provided the original work is properly cited, the use is non commercial and is otherwise in compliance with the license.

SPECIAL STATEMENT
All articles published in this journal represent the viewpoints of the authors except where indicated otherwise.

INSTRUCTIONS TO AUTHORS
Full instructions are available online at http://www.wjgnet.com/2218-6204/g_info_20100722173604.htm.

ONLINE SUBMISSION
<http://www.wjgnet.com/2218-6204office/>

An exciting time to launch the *World Journal of Hematology*

Xiaoyan Jiang

Xiaoyan Jiang, Department of Medical Genetics, University British Columbia, Terry Fox Laboratory, BC Cancer Agency, 675 West 10th Avenue, Vancouver, BC, V5Z 1L3, Canada

Author contributions: Jiang X solely contributed to this paper.
 Correspondence to: Xiaoyan Jiang, MD, PhD, Associate Professor, Senior Scientist, Department of Medical Genetics, University of British Columbia, Terry Fox Laboratory, BC Cancer Agency, 675 West 10th Avenue, Vancouver, BC, V5Z 1L3, Canada. xjiang@bccrc.ca

Telephone: +1-604-6758141 Fax: +1-604-8770712

Received: April 13, 2012 Revised: April 28, 2012

Accepted: May 3, 2012

Published online: June 6, 2012



Figure 1 Editor-in-Chief of the *World Journal of Hematology*.

Xiaoyan Jiang, MD, PhD, Associate Professor, Department of Medical Genetics, University of British Columbia; Senior Scientist, Terry Fox Laboratory, BC Cancer Agency, 675 West 10th Avenue, Vancouver, BC, V5Z 1L3, Canada.

Abstract

This first issue of the *World Journal of Hematology* (*WJH*) marks the birth of a new member of the World Series Journal family and comes at one of the most exciting times in stem cell biology and translational medicine. The pace of discovery in the field of hematology has accelerated significantly in recent years, due to important scientific discoveries and new technologies for purification of hematopoietic stem cells and identification of specific stem cell biomarkers; whole genome sequencing using next-generation sequencing technology; and development of molecularly-targeted therapies, leading to the translation of highly promising science into advanced diagnosis and proven targeted therapies for hematopoietic disorders. The *WJH* is an open-access, peer-reviewed journal, which is officially published on June 6, 2012. The *WJH* Editorial Board consists of 102 experts in hematology from 26 countries. There is clearly a niche for this new journal, which provides access to all articles without boundaries to all internet users throughout the world. The *WJH* aims to provide rapid access to high impact publications in fundamental and clinical hematology, with multidisciplinary coverage, through an established system that is targeted at dissemination to the scientific community *via* online open-access.

© 2012 Baishideng. All rights reserved.

Key words: Hematology; Biomedical sciences; Translational medicine; Stem cell biology; Next-generation sequencing; Molecular targeted therapies; Tyrosine kinase inhibitors; Chronic myeloid leukemia; Acute promyelocytic leukemia; Peer-reviewed; Open-access; Journal

Peer reviewer: Alessandro Poggi, PhD, MD, Molecular Oncology and Angiogenesis Unit, IRCCS AOU San Martino IST-National Institute for Cancer Research, Largo R. Benzi 10, c/o CBA Torre A1 and C4, 16132-Genoa, Italy

Jiang X. An exciting time to launch the *World Journal of Hematology*. *World J Hematol* 2012; 1(1): 1-4 Available from: URL: <http://www.wjgnet.com/2218-6204/full/v1/i1/1.htm> DOI: <http://dx.doi.org/10.5315/wjh.v1.i1.1>

INTRODUCTION

I am Xiaoyan Jiang (Figure 1), an Associate Professor from the University of British Columbia and a Senior Scientist at the BC Cancer Agency in Vancouver, Canada. Together with Dr. Thomas J Kipps, Professor of Medicine at the University of California, San Diego, United States, we will be the co-Editor-in-Chiefs of the *World*

Journal of Hematology (World J Hematol, WJH, online ISSN 2218-6204, DOI: 10.5315). I am very pleased to announce that the first issue of the *WJH*, on which preparation was initiated on December 14, 2010, is officially published on June 6, 2012. The *WJH* is a bimonthly, peer-reviewed, online, open-access journal supported by an editorial board consisting of 102 worldwide experts in basic and clinical hematology from 26 countries. It is my great honor and pleasure to introduce the *WJH* as a new forum for exchanging thoughts and publishing exciting, high impact, advanced research and clinical studies that contribute new knowledge and understanding in both fundamental and clinical hematology. Congratulations to the publisher, members of the editorial board, all the authors and readers on this memorable event!

The launch of the *WJH* comes at an exciting time for the field of hematology. Over the last decade, there has been remarkable progress towards identification of new hematopoietic stem cell markers, using advanced cell purification technologies, and discovery and understanding of key genes and microRNAs regulating the properties and biology of normal and leukemic stem cells, leading to the translation of highly promising science into proven molecularly-targeted therapies for hematopoietic disorders^[1-8]. In particular, the introduction of Imatinib Mesylate (IM, Gleevec), a selective tyrosine kinase inhibitor that blocks the catalytic activity of the BCR-ABL oncoprotein, has revolutionized the treatment of chronic myeloid leukemia (CML) worldwide^[4,9,10]. CML is a clonal myeloproliferative disorder of multipotent hematopoietic stem cells that has been paradigmatic to our understanding of the molecular and cellular basis of human malignancies^[6,11,12]. It is an excellent example of how a specific molecular abnormality can be targeted therapeutically to transform a life-threatening malignancy into a chronic disease. Interestingly, by combining traditional Chinese medicine with Western medicine, all-trans retinoic acid/arsenic trioxide-based therapy has provided dramatic improvement in the 5-year disease-free survival rate of acute promyelocytic leukemia (APL) patients, from approximately 25 percent to 95 percent, making this therapy a standard of care for APL treatment throughout the world, and turning one of the most fatal diseases into a highly curable one^[13,14]. In addition, the recent discovery of induced pluripotent stem cells marks a new era for the potential clinical application of patient-specific pluripotent stem cell therapy in hematological disorders^[15,16]. The pace of discovery in the hematology field has also been marked by remarkable levels of *in vitro* expansion of hematopoietic stem cells; gene targeting strategies that gave power to understanding biological functions of key regulatory genes and generation of experimental diseased models; whole sequencing of the genome of acute myeloid leukemia and lymphomas; and various gene transfer technologies that have advanced the dream of genetic therapy for major hematological diseases leading to multiple successful clinical trials^[3,5,17-21]. Indeed, the

pace of current research and clinical discovery in the field of hematology will continue to provide new and exciting information to enable better understanding of stem cell biology, advances in regenerative medicine and new molecularly-targeted and combination therapies that will achieve the ultimate goal of personalized medicine. The *WJH* is committed to being a new forum for the presentation of many of these exciting advances in our field, with your strong interest and support.

The *WJH* publishes papers with a quick editorial turnaround and time-to-publication process, aiming to rapidly report results of hematological research and clinical studies through a platform that can facilitate the translation of knowledge into improved human health. To ensure advantages for both authors and readers, as well as a high quality of published work, submitted manuscripts undergo critical peer review prior to publication. The advantage of the open access model is providing free, full-text articles, in PDF and other formats, to experts and the public without registration, eliminating the obstacle that traditional journals possess, which usually delays the speed of the propagation and communication of scientific research results. The open-access model has been proven to be an approach that truly enables the achievement of the ultimate goal of journals, i.e., maximization of value to the readers, authors and society.

SPECIFIC AIMS

In order to achieve this long-term goal, the *WJH* aims to rapidly report new theories, methods and techniques for prevention, diagnosis, treatment, rehabilitation and nursing in the field of hematology. The *WJH* covers experimental, clinical, oncological and transplant hematology, transfusion science, hemostasis and thrombosis, traditional medicine, integrated Chinese and Western medicine, evidence-based medicine and epidemiology. The journal also publishes original articles and reviews that report the results of applied and basic research in fields related to hematology, such as immunology, physiopathology, cell biology, pharmacology, medical genetics and pharmacology of Chinese herbs.

CONTENTS FOR PEER REVIEW

To guarantee the quality of articles published in the journal, peer review will be undertaken by at least two leading experts in the area of the manuscript. We therefore anticipate that reviews will be both useful and prompt, permitting rapid publication of high quality information. The criteria for peer review includes: (1) whether the contents of the manuscript are of great importance and novelty; (2) whether the experiments are complete and described clearly; (3) whether the discussion and conclusions are justified; (4) whether the citations of references are necessary and reasonable; and (5) whether the presentation and use of tables and figures are correct and complete.

COLUMNS

The columns in the *WJH* will include: (1) Editorial: to introduce and comment on substantial advances and their importance in fast-developing areas; (2) Frontier: to review the most representative achievements and comment on the current research status in important fields, as well as propose directions for future research; (3) Topic Highlight: this column consists of three formats, including (A) 10 invited review articles on a hot topic, (B) a commentary on common issues related this hot topic, and (C) a commentary on the 10 individual articles; (4) Observation: to update the development of old and new questions, highlight unsolved problems and provide strategies on how to address the questions; (5) Guidelines for Clinical Practice: to provide guidelines for clinical diagnosis and treatment; (6) Review: to systematically review the most representative progress and unsolved problems in the major scientific disciplines, comment on the current research status and make suggestions on future work; (7) Original Articles: to originally report innovative and valuable findings in hematology; (8) Brief Articles: to briefly report novel and innovative findings in hematology; (9) Case Report: to report a rare or typical case; (10) Letters to the Editor: to discuss and make reply to the contributions published in the *WJH*, or to introduce and comment on a controversial issue of general interest; (11) Book Reviews: to introduce and comment on quality monographs of hematology; and (12) Guidelines: to introduce consensus and guidelines reached by international and national academic authorities worldwide on research in hematology.

CONCLUSION

In summary, we are introducing the *WJH* as a new, open access forum for unique, systematic and critical assessment of the literature, to address important questions on a wide array of topics, across multiple hematological disciplines. We welcome any articles that challenge current concepts in fundamental, translational, pre-clinical or clinical fields. Our editorial board members are looking forward to your submissions and anticipate working with you to achieve our mission.

REFERENCES

- Dick JE. Stem cell concepts renew cancer research. *Blood* 2008; **112**: 4793-4807
- Jin L, Hope KJ, Zhai Q, Smadja-Joffe F, Dick JE. Targeting of CD44 eradicates human acute myeloid leukemic stem cells. *Nat Med* 2006; **12**: 1167-1174
- Heuser M, Yun H, Berg T, Yung E, Argiropoulos B, Kuchenbauer F, Park G, Hamwi I, Palmqvist L, Lai CK, Leung M, Lin G, Chaturvedi A, Thakur BK, Iwasaki M, Bilenky M, Thiesen N, Robertson G, Hirst M, Kent D, Wilson NK, Göttgens B, Eaves C, Cleary ML, Marra M, Ganser A, Humphries RK. Cell of origin in AML: susceptibility to MN1-induced transformation is regulated by the MEIS1/AbdB-like HOX protein complex. *Cancer Cell* 2011; **20**: 39-52
- Druker BJ, Tamura S, Buchdunger E, Ohno S, Segal GM, Fanning S, Zimmermann J, Lydon NB. Effects of a selective inhibitor of the Abl tyrosine kinase on the growth of Bcr-Abl positive cells. *Nat Med* 1996; **2**: 561-566
- Esmailzadeh S, Jiang X. AHI-1: a novel signaling protein and potential therapeutic target in human leukemia and brain disorders. *Oncotarget* 2011; **2**: 918-934
- Woolfson A, Jiang X. Targeting the chronic myeloid leukemia stem cell: A paradigm for the curative treatment of human malignancies. In: Koschmieder S, Krug U, editors. Myeloid leukemia - basic mechanisms of leukemogenesis. Rijeka: InTech, 2011: 85-110
- Havelange V, Garzon R. MicroRNAs: emerging key regulators of hematopoiesis. *Am J Hematol* 2010; **85**: 935-942
- Kasinski AL, Slack FJ. Epigenetics and genetics. MicroRNAs en route to the clinic: progress in validating and targeting microRNAs for cancer therapy. *Nat Rev Cancer* 2011; **11**: 849-864
- Druker BJ, Guilhot F, O'Brien SG, Gathmann I, Kantarjian H, Gattermann N, Deininger MW, Silver RT, Goldman JM, Stone RM, Cervantes F, Hochhaus A, Powell BL, Gabrilove JL, Rousselot P, Reiffers J, Cornelissen JJ, Hughes T, Agis H, Fischer T, Verhoef G, Shepherd J, Saglio G, Gratwohl A, Nielsen JL, Radich JP, Simonsson B, Taylor K, Baccarani M, So C, Letvak L, Larson RA. Five-year follow-up of patients receiving imatinib for chronic myeloid leukemia. *N Engl J Med* 2006; **355**: 2408-2417
- Druker BJ, Sawyers CL, Kantarjian H, Resta DJ, Reese SF, Ford JM, Capdeville R, Talpaz M. Activity of a specific inhibitor of the BCR-ABL tyrosine kinase in the blast crisis of chronic myeloid leukemia and acute lymphoblastic leukemia with the Philadelphia chromosome. *N Engl J Med* 2001; **344**: 1038-1042
- Sawyers CL. Chronic myeloid leukemia. *N Engl J Med* 1999; **340**: 1330-1340
- Goldman JM, Melo JV. Chronic myeloid leukemia--advances in biology and new approaches to treatment. *N Engl J Med* 2003; **349**: 1451-1464
- Wang ZY, Chen Z. Acute promyelocytic leukemia: from highly fatal to highly curable. *Blood* 2008; **111**: 2505-2515
- Hu J, Liu YF, Wu CF, Xu F, Shen ZX, Zhu YM, Li JM, Tang W, Zhao WL, Wu W, Sun HP, Chen QS, Chen B, Zhou GB, Zelent A, Waxman S, Wang ZY, Chen SJ, Chen Z. Long-term efficacy and safety of all-trans retinoic acid/arsenic trioxide-based therapy in newly diagnosed acute promyelocytic leukemia. *Proc Natl Acad Sci USA* 2009; **106**: 3342-3347
- Takahashi K, Yamanaka S. Induction of pluripotent stem cells from mouse embryonic and adult fibroblast cultures by defined factors. *Cell* 2006; **126**: 663-676
- Robinton DA, Daley GQ. The promise of induced pluripotent stem cells in research and therapy. *Nature* 2012; **481**: 295-305
- Zhou LL, Zhao Y, Ringrose A, DeGeer D, Kennah E, Lin AE, Sheng G, Li XJ, Turhan A, Jiang X. AHI-1 interacts with BCR-ABL and modulates BCR-ABL transforming activity and imatinib response of CML stem/progenitor cells. *J Exp Med* 2008; **205**: 2657-2671
- Yi Y, Noh MJ, Lee KH. Current advances in retroviral gene therapy. *Curr Gene Ther* 2011; **11**: 218-228
- Ding L, Ley TJ, Larson DE, Miller CA, Koboldt DC, Welch JS, Ritchey JK, Young MA, Lamprecht T, McLellan MD, McMichael JF, Wallis JW, Lu C, Shen D, Harris CC, Dooling DJ, Fulton RS, Fulton LL, Chen K, Schmidt H, Kalicki-Verzler J, Magrini VJ, Cook L, McGrath SD, Vickery TL, Wendl MC, Heath S, Watson MA, Link DC, Tomasson MH, Shannon WD, Payton JE, Kulkarni S, Westervelt P, Walter MJ, Graubert TA, Mardis ER, Wilson RK, DiPersio JF. Clonal evolution in relapsed acute myeloid leukaemia revealed by whole-genome sequencing. *Nature* 2012; **481**: 506-510
- Morin RD, Johnson NA, Severson TM, Mungall AJ, An J, Goya R, Paul JE, Boyle M, Woolcock BW, Kuchenbauer F,

- Yap D, Humphries RK, Griffith OL, Shah S, Zhu H, Kimbara M, Shashkin P, Charlot JF, Tcherpakov M, Corbett R, Tam A, Varhol R, Smailus D, Moksa M, Zhao Y, Delaney A, Qian H, Birol I, Schein J, Moore R, Holt R, Horsman DE, Connors JM, Jones S, Aparicio S, Hirst M, Gascoyne RD, Marra MA. Somatic mutations altering EZH2 (Tyr641) in follicular and diffuse large B-cell lymphomas of germinal-center origin. *Nat Genet* 2010; **42**: 181-185
- 21 **Morin RD**, Mendez-Lago M, Mungall AJ, Goya R, Mungall KL, Corbett RD, Johnson NA, Severson TM, Chiu R, Field M, Jackman S, Krzywinski M, Scott DW, Trinh DL, Tamura-Wells J, Li S, Firme MR, Rogic S, Griffith M, Chan S, Yakovenko O, Meyer IM, Zhao EY, Smailus D, Moksa M, Chittaranjan S, Rimsza L, Brooks-Wilson A, Spinelli JJ, Ben-Neriah S, Meissner B, Woolcock B, Boyle M, McDonald H, Tam A, Zhao Y, Delaney A, Zeng T, Tse K, Butterfield Y, Birol I, Holt R, Schein J, Horsman DE, Moore R, Jones SJ, Connors JM, Hirst M, Gascoyne RD, Marra MA. Frequent mutation of histone-modifying genes in non-Hodgkin lymphoma. *Nature* 2011; **476**: 298-303

S- Editor Wang JL **L- Editor** Roemmele A **E- Editor** Zheng XM

Acknowledgments to reviewers of World Journal of Hematology

Many reviewers have contributed their expertise and time to the peer review, a critical process to ensure the quality of *World Journal of Hematology*. The editors and authors of the articles submitted to the journal are grateful to the following reviewers for evaluating the articles (including those published in this issue and those rejected for this issue) during the last editing time period.

Alessandro Poggi, PhD, MD, Molecular Oncology and Angiogenesis Unit, IRCCS AOU San Martino IST-National Institute for Cancer Research, Largo R. Benzi 10, c/o CBA Torre A1 and C4, 16132-Genoa, Italy

Marie-Christine Kyrtsolis, MD, PhD, Hematology, Laikon University Hospital, Hematology Section of the 1st Dpt of Propedeutic Internal Medicine, Agiou Thoma 17, 11527, Athens, Greece

Jatin J Shah, MD, The University of Texas MD Anderson Cancer Center, 1515 Holcombe Boulevard, Unit Number: 429, Houston, TX 77030, United States

Raymond HS Liang, Professor, Department of Medicine, Hong Kong Sanatorium and Hospital, 2 Village Road, Hong Kong, China

Tetsuya Nosaka, MD, PhD, Professor, Department of Microbiology and Molecular Genetics, Mie University Graduate School of Medicine, 2-174 Edobashi, Tsu 514-8507, Japan

Thomas J Kipps, MD, PhD, Professor of Medicine, University of California, San Diego, Moores Cancer Center, 3855 Health Sciences Drive, MC 0820, La Jolla, CA 92093-0820, United States

Xiaoyan Jiang, MD, PhD, Associate Professor, Medical Genetics, University of British Columbia, Terry Fox Laboratory, British Columbia Cancer Agency, 675 West 10th Ave, Vancouver, BC, V5Z 1L3, Canada



Events Calendar 2012

March 18-19, 2013

3rd Annual International Conference on Advances in Biotechnology (BioTech 2013)
Singapore

April 23-26, 2012

The 11th International Jordanian Conference in Internal Medicine
Amman, Jordan

April 25-28, 2012

34th World Congress Of The International Society Of Hematology 2012
Quintana Roo, Mexico

May 8-11, 2013

12th International Symposium on Myelodysplastic Syndrome
Berlin, Germany

May 9-12, 2012

American Society of Pediatric Hematology/oncology 25th Annual Meeting 2012
New Orleans, United States

June 27-30, 2012

SSC 2012 - 58th Scientific and Standardization Committee meeting of the ISTH
Liverpool, United Kingdom

June 28-30, 2012

MASCC/ISOO 2012 - International Symposium--International Symposium on Supportive Care in Cancer
New York, NY, United States

August 8-10, 2012

Coagulation Testing Quality Conference and Wet Workshop
Rochester, MI, United States

August 23-26, 2012

ISEH - Society for Hematology and Stem Cells Annual Scientific Meeting
41st Annual Scientific Meeting
Amsterdam, Netherlands

September 6-8, 2012

COHEM - The 2nd World Congress on Controversies in Hematology
Barcelona, Spain



GENERAL INFORMATION

World Journal of Hematology (*World J Hematol*, *WJH*, online ISSN 2218-6204, DOI: 10.5315) is a bimonthly peer-reviewed, online, open-access (OA), journal supported by an editorial board consisting of 102 experts in hematology from 26 countries.

The biggest advantage of the OA model is that it provides free, full-text articles in PDF and other formats for experts and the public without registration, which eliminates the obstacle that traditional journals possess and usually delays the speed of the propagation and communication of scientific research results. The open access model has been proven to be a true approach that may achieve the ultimate goal of the journals, i.e. the maximization of the value to the readers, authors and society.

Maximization of personal benefits

The role of academic journals is to exhibit the scientific levels of a country, a university, a center, a department, and even a scientist, and build an important bridge for communication between scientists and the public. As we all know, the significance of the publication of scientific articles lies not only in disseminating and communicating innovative scientific achievements and academic views, as well as promoting the application of scientific achievements, but also in formally recognizing the "priority" and "copyright" of innovative achievements published, as well as evaluating research performance and academic levels. So, to realize these desired attributes of *WJH* and create a well-recognized journal, the following four types of personal benefits should be maximized. The maximization of personal benefits refers to the pursuit of the maximum personal benefits in a well-considered optimal manner without violation of the laws, ethical rules and the benefits of others. (1) Maximization of the benefits of editorial board members: The primary task of editorial board members is to give a peer review of an unpublished scientific article via online office system to evaluate its innovativeness, scientific and practical values and determine whether it should be published or not. During peer review, editorial board members can also obtain cutting-edge information in that field at first hand. As leaders in their field, they have priority to be invited to write articles and publish commentary articles. We will put peer reviewers' names and affiliations along with the article they reviewed in the journal to acknowledge their contribution; (2) Maximization of the benefits of authors: Since *WJH* is an open-access journal, readers around the world can immediately download and read, free of charge, high-quality, peer-reviewed articles from *WJH* official website, thereby realizing the goals and significance of the communication between authors and peers as well as public reading; (3) Maximization of the benefits of readers: Readers can read or use, free of charge, high-quality peer-reviewed articles without any limits, and cite the arguments, viewpoints, concepts, theories, methods, results, conclusion or facts and data of pertinent literature so as to validate the innovativeness, scientific and practical values of their own research achievements, thus ensuring that their articles have novel arguments or viewpoints, solid evidence and correct conclusion; and (4) Maximization of the benefits of employees: It is an iron law that a first-class journal is unable to exist without first-class editors, and only first-class editors can create a first-class academic journal. We insist on strengthening our team cultivation and construction so that every employee, in an open, fair and transparent environment,

could contribute their wisdom to edit and publish high-quality articles, thereby realizing the maximization of the personal benefits of editorial board members, authors and readers, and yielding the greatest social and economic benefits.

Aims and scope

The aim of *WJH* is to report rapidly new theories, methods and techniques for prevention, diagnosis, treatment, rehabilitation and nursing in the field of hematology. *WJH* covers experimental, clinical, oncological and transplant hematology, transfusion science, hemostasis and thrombosis, traditional medicine, integrated Chinese and Western medicine, evidence-based medicine, epidemiology and nursing. The journal also publishes original articles and reviews that report the results of applied and basic research in fields related to hematology, such as immunology, physiopathology, cell biology, pharmacology, medical genetics, and pharmacology of Chinese herbs.

Columns

The columns in the issues of *WJH* will include: (1) Editorial: To introduce and comment on the substantial advance and its importance in the fast-developing areas; (2) Frontier: To review the most representative achievements and comment on the current research status in the important fields, and propose directions for the future research; (3) Topic Highlight: This column consists of three formats, including (A) 10 invited review articles on a hot topic, (B) a commentary on common issues of this hot topic, and (C) a commentary on the 10 individual articles; (4) Observation: To update the development of old and new questions, highlight unsolved problems, and provide strategies on how to solve the questions; (5) Guidelines for Clinical Practice: To provide guidelines for clinical diagnosis and treatment; (6) Review: To systemically review the most representative progress and unsolved problems in the major scientific disciplines, comment on the current research status, and make suggestions on the future work; (7) Original Articles: To originally report the innovative and valuable findings in hematology; (8) Brief Articles: To briefly report the novel and innovative findings in hematology; (9) Case Report: To report a rare or typical case; (10) Letters to the Editor: To discuss and make reply to the contributions published in *WJH*, or to introduce and comment on a controversial issue of general interest; (11) Book Reviews: To introduce and comment on quality monographs of hematology; and (12) Guidelines: To introduce consensus and guidelines reached by international and national academic authorities worldwide on the research in hematology.

Name of journal

World Journal of Hematology

ISSN

ISSN 2218-6204 (online)

Editor-in-Chief

Xiaoyan Jiang, MD, PhD, Associate Professor, Medical Genetics, University of British Columbia, Terry Fox Laboratory, British Columbia Cancer Agency, 675 West 10th Ave, Vancouver, BC, V5Z 1L3, Canada

Thomas J Kipps, MD, PhD, Professor of Medicine, University of

Instructions to authors

California, San Diego, Moores Cancer Center, 3855 Health Sciences Drive, MC 0820, La Jolla, CA 92093-0820, United States

Editorial Office

World Journal of Hematology

Editorial Department: Room 903, Building D,

Ocean International Center,

No. 62 Dongsihuan Zhonglu,

Chaoyang District, Beijing 100025, China

E-mail: wjhematol@wjgnet.com

<http://www.wjgnet.com>

Telephone: +86-10-85381891

Fax: +86-10-8538-1893

Indexed and Abstracted in

Digital Object Identifier.

Published by

Baishideng Publishing Group Co., Limited

SPECIAL STATEMENT

All articles published in this journal represent the viewpoints of the authors except where indicated otherwise.

Biostatistical editing

Statistical review is performed after peer review. We invite an expert in Biomedical Statistics from to evaluate the statistical method used in the paper, including *t*-test (group or paired comparisons), chi-squared test, Ridit, probit, logit, regression (linear, curvilinear, or stepwise), correlation, analysis of variance, analysis of covariance, *etc.* The reviewing points include: (1) Statistical methods should be described when they are used to verify the results; (2) Whether the statistical techniques are suitable or correct; (3) Only homogeneous data can be averaged. Standard deviations are preferred to standard errors. Give the number of observations and subjects (*n*). Losses in observations, such as drop-outs from the study should be reported; (4) Values such as ED50, LD50, IC50 should have their 95% confidence limits calculated and compared by weighted probit analysis (Bliss and Finney); and (5) The word 'significantly' should be replaced by its synonyms (if it indicates extent) or the *P* value (if it indicates statistical significance).

Conflict-of-interest statement

In the interests of transparency and to help reviewers assess any potential bias, *WJH* requires authors of all papers to declare any competing commercial, personal, political, intellectual, or religious interests in relation to the submitted work. Referees are also asked to indicate any potential conflict they might have reviewing a particular paper. Before submitting, authors are suggested to read "Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Ethical Considerations in the Conduct and Reporting of Research: Conflicts of Interest" from International Committee of Medical Journal Editors (ICMJE), which is available at: http://www.icmje.org/ethical_4conflicts.html.

Sample wording: [Name of individual] has received fees for serving as a speaker, a consultant and an advisory board member for [names of organizations], and has received research funding from [names of organization]. [Name of individual] is an employee of [name of organization]. [Name of individual] owns stocks and shares in [name of organization]. [Name of individual] owns patent [patent identification and brief description].

Statement of informed consent

Manuscripts should contain a statement to the effect that all human studies have been reviewed by the appropriate ethics committee or it should be stated clearly in the text that all persons gave their informed consent prior to their inclusion in the study. Details that might disclose the identity of the subjects under study should be omitted. Authors should also draw attention to the Code of Ethics of the World Medi-

cal Association (Declaration of Helsinki, 1964, as revised in 2004).

Statement of human and animal rights

When reporting the results from experiments, authors should follow the highest standards and the trial should conform to Good Clinical Practice (for example, US Food and Drug Administration Good Clinical Practice in FDA-Regulated Clinical Trials; UK Medicines Research Council Guidelines for Good Clinical Practice in Clinical Trials) and/or the World Medical Association Declaration of Helsinki. Generally, we suggest authors follow the lead investigator's national standard. If doubt exists whether the research was conducted in accordance with the above standards, the authors must explain the rationale for their approach and demonstrate that the institutional review body explicitly approved the doubtful aspects of the study.

Before submitting, authors should make their study approved by the relevant research ethics committee or institutional review board. If human participants were involved, manuscripts must be accompanied by a statement that the experiments were undertaken with the understanding and appropriate informed consent of each. Any personal item or information will not be published without explicit consents from the involved patients. If experimental animals were used, the materials and methods (experimental procedures) section must clearly indicate that appropriate measures were taken to minimize pain or discomfort, and details of animal care should be provided.

SUBMISSION OF MANUSCRIPTS

Manuscripts should be typed in 1.5 line spacing and 12 pt. Book Antiqua with ample margins. Number all pages consecutively, and start each of the following sections on a new page: Title Page, Abstract, Introduction, Materials and Methods, Results, Discussion, Acknowledgements, References, Tables, Figures, and Figure Legends. Neither the editors nor the publisher are responsible for the opinions expressed by contributors. Manuscripts formally accepted for publication become the permanent property of Baishideng Publishing Group Co., Limited, and may not be reproduced by any means, in whole or in part, without the written permission of both the authors and the publisher. We reserve the right to copy-edit and put onto our website accepted manuscripts. Authors should follow the relevant guidelines for the care and use of laboratory animals of their institution or national animal welfare committee. For the sake of transparency in regard to the performance and reporting of clinical trials, we endorse the policy of the ICMJE to refuse to publish papers on clinical trial results if the trial was not recorded in a publicly-accessible registry at its outset. The only register now available, to our knowledge, is <http://www.clinicaltrials.gov> sponsored by the United States National Library of Medicine and we encourage all potential contributors to register with it. However, in the case that other registers become available you will be duly notified. A letter of recommendation from each author's organization should be provided with the contributed article to ensure the privacy and secrecy of research is protected.

Authors should retain one copy of the text, tables, photographs and illustrations because rejected manuscripts will not be returned to the author(s) and the editors will not be responsible for loss or damage to photographs and illustrations sustained during mailing.

Online submissions

Manuscripts should be submitted through the Online Submission System at: <http://www.wjgnet.com/2218-6204office>. Authors are highly recommended to consult the ONLINE INSTRUCTIONS TO AUTHORS (http://www.wjgnet.com/2218-6204/g_info_20100722173604.htm) before attempting to submit online. For assistance, authors encountering problems with the Online Submission System may send an email describing the problem to wjhematol@wjgnet.com, or by telephone: +86-10-85381891. If you submit your manuscript online, do not make a postal contribution. Repeated online submission for the same manuscript is strictly prohibited.

MANUSCRIPT PREPARATION

All contributions should be written in English. All articles must be submitted using word-processing software. All submissions must be typed in 1.5 line spacing and 12 pt. Book Antiqua with ample margins. Style should conform to our house format. Required information for each of the manuscript sections is as follows:

Title page

Title: Title should be less than 12 words.

Running title: A short running title of less than 6 words should be provided.

Authorship: Authorship credit should be in accordance with the standard proposed by ICMJE, based on (1) substantial contributions to conception and design, acquisition of data, or analysis and interpretation of data; (2) drafting the article or revising it critically for important intellectual content; and (3) final approval of the version to be published. Authors should meet conditions 1, 2, and 3.

Institution: Author names should be given first, then the complete name of institution, city, province and postcode. For example, Xu-Chen Zhang, Li-Xin Mei, Department of Pathology, Chengde Medical College, Chengde 067000, Hebei Province, China. One author may be represented from two institutions, for example, George Sgourakis, Department of General, Visceral, and Transplantation Surgery, Essen 45122, Germany; George Sgourakis, 2nd Surgical Department, Korgialenio-Benakio Red Cross Hospital, Athens 15451, Greece

Author contributions: The format of this section should be: Author contributions: Wang CL and Liang L contributed equally to this work; Wang CL, Liang L, Fu JF, Zou CC, Hong F and Wu XM designed the research; Wang CL, Zou CC, Hong F and Wu XM performed the research; Xue JZ and Lu JR contributed new reagents/analytic tools; Wang CL, Liang L and Fu JF analyzed the data; and Wang CL, Liang L and Fu JF wrote the paper.

Supportive foundations: The complete name and number of supportive foundations should be provided, e.g. Supported by National Natural Science Foundation of China, No. 30224801

Correspondence to: Only one corresponding address should be provided. Author names should be given first, then author title, affiliation, the complete name of institution, city, postcode, province, country, and email. All the letters in the email should be in lower case. A space interval should be inserted between country name and email address. For example, Montgomery Bissell, MD, Professor of Medicine, Chief, Liver Center, Gastroenterology Division, University of California, Box 0538, San Francisco, CA 94143, United States. montgomery.bissell@ucsf.edu

Telephone and fax: Telephone and fax should consist of +, country number, district number and telephone or fax number, e.g. Telephone: +86-10-85381892 Fax: +86-10-85381893

Peer reviewers: All articles received are subject to peer review. Normally, three experts are invited for each article. Decision for acceptance is made only when at least two experts recommend an article for publication. Reviewers for accepted manuscripts are acknowledged in each manuscript, and reviewers of articles which were not accepted will be acknowledged at the end of each issue. To ensure the quality of the articles published in *WJH*, reviewers of accepted manuscripts will be announced by publishing the name, title/position and institution of the reviewer in the footnote accompanying the printed article. For example, reviewers: Professor Jing-Yuan Fang, Shanghai Institute of Digestive Disease, Shanghai, Affiliated Renji Hospital, Medical Faculty, Shanghai Jiaotong University, Shanghai, China; Professor Xin-Wei Han, Department of Radiology, The First Affiliated Hospital, Zhengzhou University,

Zhengzhou, Henan Province, China; and Professor Anren Kuang, Department of Nuclear Medicine, Huaxi Hospital, Sichuan University, Chengdu, Sichuan Province, China.

Abstract

There are unstructured abstracts (no less than 256 words) and structured abstracts (no less than 480). The specific requirements for structured abstracts are as follows:

An informative, structured abstracts of no less than 480 words should accompany each manuscript. Abstracts for original contributions should be structured into the following sections. AIM (no more than 20 words): Only the purpose should be included. Please write the aim as the form of "To investigate/study/...; MATERIALS AND METHODS (no less than 140 words); RESULTS (no less than 294 words): You should present *P* values where appropriate and must provide relevant data to illustrate how they were obtained, e.g. 6.92 ± 3.86 vs 3.61 ± 1.67 , $P < 0.001$; CONCLUSION (no more than 26 words).

Key words

Please list 5-10 key words, selected mainly from *Index Medicus*, which reflect the content of the study.

Text

For articles of these sections, original articles and brief articles, the main text should be structured into the following sections: INTRODUCTION, MATERIALS AND METHODS, RESULTS and DISCUSSION, and should include appropriate Figures and Tables. Data should be presented in the main text or in Figures and Tables, but not in both. The main text format of these sections, editorial, topic highlight, case report, letters to the editors, can be found at: http://www.wjgnet.com/2218-6204/g_info_20100723211802.htm.

Illustrations

Figures should be numbered as 1, 2, 3, etc., and mentioned clearly in the main text. Provide a brief title for each figure on a separate page. Detailed legends should not be provided under the figures. This part should be added into the text where the figures are applicable. Figures should be either Photoshop or Illustrator files (in tiff, eps, jpeg formats) at high-resolution. Examples can be found at: <http://www.wjgnet.com/1007-9327/13/4520.pdf>; <http://www.wjgnet.com/1007-9327/13/4554.pdf>; <http://www.wjgnet.com/1007-9327/13/4891.pdf>; <http://www.wjgnet.com/1007-9327/13/4986.pdf>; <http://www.wjgnet.com/1007-9327/13/4498.pdf>. Keeping all elements compiled is necessary in line-art image. Scale bars should be used rather than magnification factors, with the length of the bar defined in the legend rather than on the bar itself. File names should identify the figure and panel. Avoid layering type directly over shaded or textured areas. Please use uniform legends for the same subjects. For example: Figure 1 Pathological changes in atrophic gastritis after treatment. A: ...; B: ...; C: ...; D: ...; E: ...; F: ...; G: ...etc. It is our principle to publish high resolution-figures for the printed and E-versions.

Tables

Three-line tables should be numbered 1, 2, 3, etc., and mentioned clearly in the main text. Provide a brief title for each table. Detailed legends should not be included under tables, but rather added into the text where applicable. The information should complement, but not duplicate the text. Use one horizontal line under the title, a second under column heads, and a third below the Table, above any footnotes. Vertical and italic lines should be omitted.

Notes in tables and illustrations

Data that are not statistically significant should not be noted. ^a*P* < 0.05, ^b*P* < 0.01 should be noted (*P* > 0.05 should not be noted). If there are other series of *P* values, ^c*P* < 0.05 and ^d*P* < 0.01 are used. A third series of *P* values can be expressed as ^e*P* < 0.05 and ^f*P* < 0.01. Other notes in tables or under illustrations should be expressed as

Instructions to authors

¹F, ²F, ³F; or sometimes as other symbols with a superscript (Arabic numerals) in the upper left corner. In a multi-curve illustration, each curve should be labeled with ●, ○, ■, □, ▲, △, etc., in a certain sequence.

Acknowledgments

Brief acknowledgments of persons who have made genuine contributions to the manuscript and who endorse the data and conclusions should be included. Authors are responsible for obtaining written permission to use any copyrighted text and/or illustrations.

REFERENCES

Coding system

The author should number the references in Arabic numerals according to the citation order in the text. Put reference numbers in square brackets in superscript at the end of citation content or after the cited author's name. For citation content which is part of the narration, the coding number and square brackets should be typeset normally. For example, "Crohn's disease (CD) is associated with increased intestinal permeability^[1,2]". If references are cited directly in the text, they should be put together within the text, for example, "From references^[19,22-24], we know that..."

When the authors write the references, please ensure that the order in text is the same as in the references section, and also ensure the spelling accuracy of the first author's name. Do not list the same citation twice.

PMID and DOI

Please provide PubMed citation numbers to the reference list, e.g. PMID and DOI, which can be found at <http://www.ncbi.nlm.nih.gov/sites/entrez?db=pubmed> and <http://www.crossref.org/SimpleTextQuery/>, respectively. The numbers will be used in E-version of this journal.

Style for journal references

Authors: the name of the first author should be typed in bold-faced letters. The family name of all authors should be typed with the initial letter capitalized, followed by their abbreviated first and middle initials. (For example, Lian-Sheng Ma is abbreviated as Ma LS, Bo-Rong Pan as Pan BR). The title of the cited article and italicized journal title (journal title should be in its abbreviated form as shown in PubMed), publication date, volume number (in black), start page, and end page [PMID: 11819634 DOI: 10.3748/wjg.13.5396].

Style for book references

Authors: the name of the first author should be typed in bold-faced letters. The surname of all authors should be typed with the initial letter capitalized, followed by their abbreviated middle and first initials. (For example, Lian-Sheng Ma is abbreviated as Ma LS, Bo-Rong Pan as Pan BR) Book title. Publication number. Publication place: Publication press, Year: start page and end page.

Format

Journals

English journal article (list all authors and include the PMID where applicable)

- 1 **Jung EM**, Clevert DA, Schreyer AG, Schmitt S, Rennert J, Kubale R, Feuerbach S, Jung F. Evaluation of quantitative contrast harmonic imaging to assess malignancy of liver tumors: A prospective controlled two-center study. *World J Gastroenterol* 2007; **13**: 6356-6364 [PMID: 18081224 DOI: 10.3748/wjg.13.6356]

Chinese journal article (list all authors and include the PMID where applicable)

- 2 **Lin GZ**, Wang XZ, Wang P, Lin J, Yang FD. Immunologic effect of Jianpi Yishen decoction in treatment of Pixu-diarhoea. *Shijie Huaren Xiaohua Zazhi* 1999; **7**: 285-287

In press

- 3 **Tian D**, Araki H, Stahl E, Bergelson J, Kreitman M. Signature of balancing selection in Arabidopsis. *Proc Natl Acad Sci USA*

2006; In press

Organization as author

- 4 **Diabetes Prevention Program Research Group**. Hypertension, insulin, and proinsulin in participants with impaired glucose tolerance. *Hypertension* 2002; **40**: 679-686 [PMID: 12411462 PMCID:2516377 DOI:10.1161/01.HYP.00000035706.28494.09]

Both personal authors and an organization as author

- 5 **Vallancien G**, Emberton M, Harving N, van Moorselaar RJ; Alf-One Study Group. Sexual dysfunction in 1, 274 European men suffering from lower urinary tract symptoms. *J Urol* 2003; **169**: 2257-2261 [PMID: 12771764 DOI:10.1097/01.ju.0000067940.76090.73]

No author given

- 6 21st century heart solution may have a sting in the tail. *BMJ* 2002; **325**: 184 [PMID: 12142303 DOI:10.1136/bmj.325.7357.184]

Volume with supplement

- 7 **Geraud G**, Spierings EL, Keywood C. Tolerability and safety of frovatriptan with short- and long-term use for treatment of migraine and in comparison with sumatriptan. *Headache* 2002; **42** Suppl 2: S93-99 [PMID: 12028325 DOI:10.1046/j.1526-4610.42.s2.7.x]

Issue with no volume

- 8 **Banit DM**, Kaufer H, Hartford JM. Intraoperative frozen section analysis in revision total joint arthroplasty. *Clin Orthop Relat Res* 2002; **(401)**: 230-238 [PMID: 12151900 DOI:10.1097/00003086-200208000-00026]

No volume or issue

- 9 Outreach: Bringing HIV-positive individuals into care. *HRS: A Careaction* 2002; 1-6 [PMID: 12154804]

Books

Personal author(s)

- 10 **Sherlock S**, Dooley J. Diseases of the liver and biliary system. 9th ed. Oxford: Blackwell Sci Pub, 1993: 258-296

Chapter in a book (list all authors)

- 11 **Lam SK**. Academic investigator's perspectives of medical treatment for peptic ulcer. In: Swabb EA, Azabo S. Ulcer disease: investigation and basis for therapy. New York: Marcel Dekker, 1991: 431-450

Author(s) and editor(s)

- 12 **Breedlove GK**, Schorfheide AM. Adolescent pregnancy. 2nd ed. Wiczorek RR, editor. White Plains (NY): March of Dimes Education Services, 2001: 20-34

Conference proceedings

- 13 **Harnden P**, Joffe JK, Jones WG, editors. Germ cell tumours V. Proceedings of the 5th Germ cell tumours Conference; 2001 Sep 13-15; Leeds, UK. New York: Springer, 2002: 30-56

Conference paper

- 14 **Christensen S**, Oppacher F. An analysis of Koza's computational effort statistic for genetic programming. In: Foster JA, Lutton E, Miller J, Ryan C, Tettamanzi AG, editors. Genetic programming. EuroGP 2002: Proceedings of the 5th European Conference on Genetic Programming; 2002 Apr 3-5; Kinsdale, Ireland. Berlin: Springer, 2002: 182-191

Electronic journal (list all authors)

- 15 Morse SS. Factors in the emergence of infectious diseases. Emerg Infect Dis serial online, 1995-01-03, cited 1996-06-05; 1(1): 24 screens. Available from: URL: <http://www.cdc.gov/ncidod/eid/index.htm>

Patent (list all authors)

- 16 **Pagedas AC**, inventor; Ancel Surgical R&D Inc., assignee. Flexible endoscopic grasping and cutting device and positioning tool assembly. United States patent US 20020103498. 2002 Aug 1

Statistical data

Write as mean \pm SD or mean \pm SE.

Statistical expression

Express *t* test as *t* (in italics), *F* test as *F* (in italics), chi square test as χ^2 (in Greek), related coefficient as *r* (in italics), degree of freedom as *ν* (in Greek), sample number as *n* (in italics), and probability as *P* (in italics).

Units

Use SI units. For example: body mass, *m* (B) = 78 kg; blood pressure, *p* (B) = 16.2/12.3 kPa; incubation time, *t* (incubation) = 96 h; blood glucose concentration, *c* (glucose) 6.4 ± 2.1 mmol/L; blood CEA mass concentration, *p* (CEA) = 8.6 24.5 μg/L; CO₂ volume fraction, 50 mL/L CO₂, not 5% CO₂; likewise for 40 g/L formaldehyde, not 10% formalin; and mass fraction, 8 ng/g, *etc.* Arabic numerals such as 23, 243, 641 should be read 23 243 641.

The format for how to accurately write common units and quantums can be found at: http://www.wjgnet.com/2218-6204/g_info_20100723213202.htm.

Abbreviations

Standard abbreviations should be defined in the abstract and on first mention in the text. In general, terms should not be abbreviated unless they are used repeatedly and the abbreviation is helpful to the reader. Permissible abbreviations are listed in Units, Symbols and Abbreviations: A Guide for Biological and Medical Editors and Authors (Ed. Baron DN, 1988) published by The Royal Society of Medicine, London. Certain commonly used abbreviations, such as DNA, RNA, HIV, LD50, PCR, HBV, ECG, WBC, RBC, CT, ESR, CSF, IgG, ELISA, PBS, ATP, EDTA, mAb, can be used directly without further explanation.

Italics

Quantities: *t* time or temperature, *c* concentration, *A* area, *l* length, *m* mass, *V* volume.

Genotypes: *gyrA*, *arg 1*, *c myc*, *c fos*, *etc.*

Restriction enzymes: *EcoRI*, *HindI*, *BamHI*, *Kho I*, *Kpn I*, *etc.*

Biology: *H. pylori*, *E. coli*, *etc.*

Examples for paper writing

Editorial: http://www.wjgnet.com/2218-6204/g_info_20100723210712.htm

Frontier: http://www.wjgnet.com/2218-6204/g_info_20100723210806.htm

Topic highlight: http://www.wjgnet.com/2218-6204/g_info_20100723210934.htm

Observation: http://www.wjgnet.com/2218-6204/g_info_20100723211055.htm

Guidelines for basic research: http://www.wjgnet.com/2218-6204/g_info_20100723211246.htm

Guidelines for clinical practice: http://www.wjgnet.com/2218-6204/g_info_20100723211432.htm

Review: http://www.wjgnet.com/2218-6204/g_info_20100723211617.htm

Original articles: http://www.wjgnet.com/2218-6204/g_info_20100723211802.htm

Brief articles: http://www.wjgnet.com/2218-6204/g_info_20100723211948.htm

Case report: http://www.wjgnet.com/2218-6204/g_info_20100723212057.htm

Letters to the editor: <http://www.wjgnet.com/2218-6204/>

[g_info_20100723212253.htm](http://www.wjgnet.com/2218-6204/g_info_20100723212253.htm)

Book reviews: http://www.wjgnet.com/2218-6204/g_info_20100723212417.htm

Guidelines: http://www.wjgnet.com/2218-6204/g_info_20100723212601.htm

SUBMISSION OF THE REVISED MANUSCRIPTS AFTER ACCEPTED

Please revise your article according to the revision policies of *WJH*. The revised version including manuscript and high-resolution image figures (if any) should be re-submitted online (<http://www.wjgnet.com/2218-6204office/>). The author should send the copyright transfer letter, responses to the reviewers, English language Grade B certificate (for non-native speakers of English) and final manuscript checklist to wjhematol@wjgnet.com.

Language evaluation

The language of a manuscript will be graded before it is sent for revision. (1) Grade A: priority publishing; (2) Grade B: minor language polishing; (3) Grade C: a great deal of language polishing needed; and (4) Grade D: rejected. Revised articles should reach Grade A or B.

Copyright assignment form

Please download a Copyright assignment form from http://www.wjgnet.com/2218-6204/g_info_20100723213049.htm.

Responses to reviewers

Please revise your article according to the comments/suggestions provided by the reviewers. The format for responses to the reviewers' comments can be found at: http://www.wjgnet.com/2218-6204/g_info_20100723212803.htm.

Proof of financial support

For paper supported by a foundation, authors should provide a copy of the document and serial number of the foundation.

Links to documents related to the manuscript

WJH will be initiating a platform to promote dynamic interactions between the editors, peer reviewers, readers and authors. After a manuscript is published online, links to the PDF version of the submitted manuscript, the peer-reviewers' report and the revised manuscript will be put on-line. Readers can make comments on the peer reviewer's report, authors' responses to peer reviewers, and the revised manuscript. We hope that authors will benefit from this feedback and be able to revise the manuscript accordingly in a timely manner.

Science news releases

Authors of accepted manuscripts are suggested to write a science news item to promote their articles. The news will be released rapidly at EurekAlert/AAAS (<http://www.eurekalert.org>). The title for news items should be less than 90 characters; the summary should be less than 75 words; and main body less than 500 words. Science news items should be lawful, ethical, and strictly based on your original content with an attractive title and interesting pictures.

Publication fee

WJH is an international, peer-reviewed, Open-Access, online journal. Articles published by this journal are distributed under the terms of the Creative Commons Attribution Non-commercial License, which permits use, distribution, and reproduction in any medium, provided the original work is properly cited, the use is non commercial and is otherwise in compliance with the license. Authors of accepted articles must pay a publication fee. The related standards are as follows. Publication fee: 1300 USD per article. Editorial, topic highlights, original articles, brief articles, book reviews and letters to the editor are published free of charge.