

# World Journal of *Neurology*

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# World Journal of Neurology

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**AIM AND SCOPE** *World Journal of Neurology* (*World J Neurol*, *WJN*, online ISSN 2218-6212, DOI: 10.5316) is a bimonthly peer-reviewed, online, open-access, journal supported by an editorial board consisting of 100 experts in neurology from 30 countries.  
 The aim of *WJN* is to report rapidly new theories, methods and techniques for prevention, diagnosis, treatment, rehabilitation and nursing in the field of neurology. *WJN* covers diagnostic imaging, neuro-oncology, electroneurophysiology, cerebrovascular diseases, epilepsy, cognitive impairment, myopathy and peripheral neuropathy, degenerative diseases, infectious diseases, demyelinating diseases, immunological diseases, genetic/metabolic diseases, affective disorders, headaches, sleep disorders, interventional neuro-radiology, minimally invasive therapy, rehabilitation, 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 neurology, such as immunology, physiopathology, cell biology, pharmacology, medical genetics, and pharmacology of Chinese herbs.

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 Editorial Board of *World Journal of Neurology*  
 Room 903, Building D, Ocean International Center,  
 No. 62 Dongsihuan Zhonglu, Chaoyang District,  
 Beijing 100025, China  
 Telephone: +86-10-85381892  
 Fax: +86-10-85381893  
 E-mail: [wjneuro@wjgnet.com](mailto:wjneuro@wjgnet.com)  
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**Felipe Fregni, MD, PhD, MPH, Associate Professor,** Department of Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital, Harvard

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**EDITORIAL OFFICE**  
 Xiao-Cui Yang, Assistant Director  
*World Journal of Neurology*  
 Room 903, Building D, Ocean International Center,  
 No. 62 Dongsihuan Zhonglu, Chaoyang District,  
 Beijing 100025, China  
 Telephone: +86-10-85381892  
 Fax: +86-10-85381893  
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**PUBLISHER**  
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E-mail: [bpg@baishideng.com](mailto:bpg@baishideng.com)  
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## What is the purpose of launching *World Journal of Neurology*?

Vincenzo Solfrizzi

Vincenzo Solfrizzi, Department of Internal Medicine, Immunology and Infectious Diseases, Section of Geriatric Medicine-Memory Unit and Rare Diseases, University of Bari, 70124 Bari, Italy

**Author contributions:** Solfrizzi V solely contributed to this paper. **Correspondence to:** Vincenzo Solfrizzi, MD, PhD, Professor, Department of Internal Medicine, Immunology and Infectious Diseases, Section of Geriatric Medicine-Memory Unit and Rare Diseases, University of Bari, Piazza Giulio Cesare, 11, 70124 Bari, Italy. [v.solfrizzi@geriatria.uniba.it](mailto:v.solfrizzi@geriatria.uniba.it)

Telephone: +39-080-5593328 Fax: +39-080-5478176  
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### Abstract

The first issue of *World Journal of Neurology*, a bi-monthly peer-reviewed, online, open-access journal will be published on December 28, 2011. The preparatory work for this journal was initiated on December 5, 2010. The *WJN* Editorial Board has now been established and consists of 100 members who are distinguished, world-renowned experts in neurology and related specialties (psychiatry, geriatric medicine, and internal medicine) from 30 countries. Our purpose in launching *WJN* is to publish peer-reviewed, high-quality articles *via* an open-access online publishing model. In this context, a multidisciplinary journal such as *WJN* may serve as a unique and useful platform for updated "review", "mini-review" and "experimental" articles in neurological and psychiatric age-related research that would eventually help promote healthy lives in both adult and older individuals.

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**Key words:** Geriatric medicine; Internal medicine; Maximization of personal benefits; Multidisciplinary journal; Neuroscience; Open access model

**Peer reviewers:** Boldizsar Czeh, MD, PhD, Max-Planck-



**Figure 1** Editor-in-Chief of the *World Journal of Neurology*. Vincenzo Solfrizzi, MD, PhD, Professor, Department of Internal Medicine, Immunology and Infectious Diseases, Section of Geriatric Medicine-Memory Unit, University of Bari, Piazza G. Cesare, 11, 70124 Bari, Italy.

Institute of Psychiatry, Molecular Neurobiology, Kraepelinstrasse 2-10, 80804 Munich, Germany; Katsutoshi Furuakawa, MD, PhD, Department of Geriatrics and Gerontology, Institute of Development, Aging and Cancer, 4-1 Seiryomachi, Aobaku, Sendai 980-8575, Japan

Solfrizzi V. What is the purpose of launching *World Journal of Neurology*? *World J Neurol* 2011; 1(1): 1-3 Available from: URL: <http://www.wjgnet.com/2218-6212/full/v1/i1/1.htm> DOI: <http://dx.doi.org/10.5316/wjn.v1.i1.1>

### INTRODUCTION

I am Vincenzo Solfrizzi, a Professor from the University of Bari (Figure 1), together with Felipe Fregni, MD, PhD, MPH, Associate Professor, Department of Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital, Harvard Medical School, we will be the co-Editor-in-Chief of the *World Journal of Neurology* (*World J Neurol*, *WJN*, online ISSN 2218-6212, DOI: 10.5316). I am very pleased to announce that the first issue of *WJN*, whose preparatory work was initiated on December 5, 2010, will be published on December 28, 2011. The *WJN* is a bimonthly peer-reviewed, online, open-access, journal supported by an editorial board consisting of 100 experts in neurology from 30 countries.

The launch of new medical journals generally faces a difficult gestation, with the objective difficulties of finding publishers, appointing editors, recruiting Editorial Board members, calling for manuscripts, and selecting peer-reviewers. In the difficult phase of launching a new journal, all of this is without accreditation at the major medical indices, making authors understandably reluctant to commit their best work when it cannot yet be cited. *WJN*, a bimonthly peer-reviewed, online, open access (OA) journal, is no exception. However, in this delicate phase of launching, we have the good fortune that the publisher Baishideng Publishing Group (Hong Kong, China), with significant experience in OA journals, was available and fully supportive. In fact, 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 obstacles that traditional journals possess and usually delays the speed of the propagation and communication of scientific research results. The OA model has been proven to be an effective approach that may achieve the ultimate goal of the journals, i.e., maximization of the value to the *WJN* Editorial Board members, readers, authors, and society. Therefore, the realization of these desired attributes of *WJN* permit us to create a well-recognized journal, and the following four types of personal benefits should be maximized.

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. 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. In particular, the maximization of the benefits of the *WJN* Editorial Board members permits these world-renowned experts in the field to peer review an unpublished scientific article via an online office system, evaluating its innovativeness, scientific and practical values and determining whether it should be published or not in a fast-track way. During peer review, *WJN* Editorial Board members can also obtain first hand, cutting-edge information in that field. As leaders in their field, they have priority to be invited to write articles and publish Commentary articles. Peer reviewers’ names and affiliations will be published along with the article they reviewed in the journal to acknowledge their contribution. Furthermore, the OA model of *WJN* will also permit the maximization of the benefits of authors. Since *WJN* is an OA journal, readers around the world can immediately download and read, free of charge, high-quality, peer-reviewed articles from the *WJN* Official Website, thereby realizing the goals and significance of the communication between authors and peers as well as the public. This OA model will also permit maximization of the benefits of readers, who can read or use, free of charge, high-quality peer-reviewed articles without any limits, and cite the arguments, viewpoints,

concepts, theories, methods, results, conclusions or facts and data of pertinent literature 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 conclusions<sup>[1]</sup>. Moreover, the OA model of *WJN* will maximize 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<sup>[1]</sup>. We insist on strengthening our team cultivation and construction so that every employee, in an open, fair and transparent environment, can contribute their wisdom to edit and publish high-quality articles, thereby realizing the maximization of the personal benefits of *WJN* Editorial Board members, authors and readers, and yielding the greatest social and economic benefits. Finally this journal could also be an international showcase and point of reference for local geographical areas or, more generally, for East and South-East Asia scientific evidence that may not have a place in European and American scientific journals.

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## AIMS

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Why a new journal in the crowded area of neuroscience? The idea for *WJN* began in the Baishideng Publishing Group where it was felt that a place where neurology could meet other strictly related specialties, i.e., psychiatry, geriatric medicine, and internal medicine was needed, and where patient and caregiver needs and concerns could be addressed in the public scientific domain. In fact, the *WJN* Editorial Board is now recruiting members worldwide and will consist of distinguished and world-renowned experts in neurology and related specialties (psychiatry, geriatric medicine, and internal medicine) from several countries. Historically, neurology and psychiatry have a common origin, and the emergence of imaging as an everyday tool, coupled with our growing ability to identify discrete areas of the brain that are involved in disease and the corresponding neurochemical and neuropathological processes, has served to blur the divide between the two specialties. Many neurological conditions present with psychiatric symptoms, and vice versa. The importance of this crossover area of research was further affirmed by the fact that drugs useful in one specialty are often applied in the other; while the side effects of many of the treatments that we use for the two types of illness are not necessarily confined to the psychiatric or neurological domains.

On the other hand, internal medicine, geriatric medicine, and gerontology are also strictly related to several neurological and psychiatric diseases. In fact, one of the major achievements of the 20th century is the significant gain in life expectancy in developed and developing countries. There is a shift in peoples’ views on aging, which no longer necessarily implies physical decline and illness. An unanswered key question is whether increases in life expectancy occur with a concurrent postponement of functional limitations and disability<sup>[2]</sup>. For example, dementia is an increasingly common disease in

the aging population, and the numbers are expected to rise exponentially in coming years. Therefore, there is a critical need to potentially individualize new strategies able to prevent and to slow down the progression of predementia and dementia syndromes<sup>[3]</sup>. Among geriatric syndromes, epidemiological and clinical studies focused their attention on an increasingly important concept in both the clinical care of older persons and research in aging, i.e., frailty, a biological syndrome of decreased reserve and resistance to stressors, resulting from cumulative declines across multiple physiologic systems, and causing vulnerability to adverse outcomes<sup>[4]</sup>. Several studies have also reported that physical frailty is associated with low cognitive performance, the incidence of Alzheimer's disease, mild cognitive impairment in older persons<sup>[4]</sup>, and in the short- and long-term may be a predictor of all-cause mortality in nondemented and demented patients<sup>[5]</sup>. Although research suggests that aging processes, including frailty syndrome, are modifiable and that people are living longer without severe disability, further scientific, technological and medical developments are needed to meet the challenges of aging populations. In this context, a multidisciplinary journal such as *WJN* may serve as a unique and useful platform for updated "review", "mini-review" and "experimental" articles in neurological and psychiatric age-related research that would eventually help promote healthy lives in both adult and older individuals.

## CONTENTS FOR PEER REVIEW

In order to guarantee the quality of articles published in the journal, *WJN* usually invites three experts to comment on submitted papers. The contents for peer review include: (1) whether the contents of the manuscript are of great importance and novelty; (2) whether the experiment is 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.

## SCOPE

The aim of *WJN* is to rapidly report new theories, methods and techniques for prevention, diagnosis, treatment, rehabilitation and nursing in the field of neurology and related specialties. *WJN* covers diagnostic imaging, neuro-oncology, electroneurophysiology, cerebrovascular diseases, epilepsy, cognitive impairment, myopathy and peripheral neuropathy, degenerative diseases, infectious diseases, demyelinating diseases, immunological diseases, genetic/metabolic diseases, affective disorders, headaches, sleep disorders, interventional neuroradiology, minimally invasive therapy, rehabilitation, 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 neurology, such as immunology, physiopathology, cell biology, pharmacology, medical genetics, and the pharmacology of Chinese herbs.

## COLUMNS

The columns in the issues of *WJN* will include: (1) Editorial: to introduce and comment on the 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, and 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 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 future work; (7) Original Articles: to report original innovative and valuable findings in neurology and related specialties; (8) Brief Articles: to briefly report novel and innovative findings in neurology and related specialties; (9) Case Report: to report a rare or typical case; (10) Letters to the Editor: to discuss and reply to the contributions published in *WJN*, or to introduce and comment on a controversial issue of general interest; (11) Book Reviews: to introduce and comment on quality monographs of neurology and related specialties; and (12) Guidelines: to introduce consensus and guidelines reached by international and national academic authorities worldwide on the research in neurology and related specialties.

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**Jan Bernardy, MVD, PhD, Assistant Professor**, Swine Clinic, Veterinary Faculty, Palackého str No. 1, 61300 Brno, Czech Republic

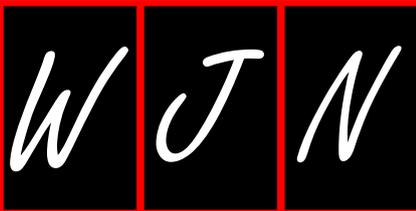
**Boldizsar Czeh, MD, PhD**, Max-Planck-Institute of Psychiatry, Molecular Neurobiology, Kraepelinstrasse 2-10, 80804 Munich,

Germany

**Felipe Fregni, MD, PhD, MPH, Associate Professor**, Department of Physical Medicine and Rehabilitation, Spaulding Rehabilitation Hospital, Harvard Medical School, 125 Nashua St. Room 725, Boston, MA 02114, United States

**Katsutoshi Furuakwa, MD, PhD**, Department of Geriatrics and Gerontology, Institute of Development, Aging and Cancer, 4-1 Seiryō-machi, Aobaku, Sendai 980-8575, Japan

**Vincenzo Solfrizzi, MD, PhD, Professor**, Department of Internal Medicine, Immunology and Infectious Diseases, Section of Geriatric Medicine-Memory Unit, University of Bari, P.zza G. Cesare, 11, 70124 Bari, Italy



## Events Calendar 2012

- |   |  |
|---|--|
| January 27-30, 2012<br>International Conference on nervous System Autoimmunity<br>Bangalore, Karnataka, India   | May 17-20, 2012<br>2nd Global Congress for Consensus in Pediatrics and Child Health<br>Moscow, Russia  |
| March 13-27, 2012<br>Neurology and Pain Management<br>Sydney, Australia   | May 27-June 1, 2012<br>International Child Neurology Congress 2012 Incorporating The 11th Asian And Oceanian Congress Of Child Neurology 2012<br>Brisbane, Queensland, Australia |
| April 10-14, 2012<br>14th International Neuroscience Winter Conference<br>Soelden, Tirol, Austria   | June 4-8, 2012<br>13th Asian Oceanian Congress of Neurology 2012<br>Melbourne, Australia   |
| May 3-6, 2012<br>8th International Congress on Mental Dysfunction and Other Non-Motor Features in Parkinsons Disease and Related Disorders<br>Berlin, Germany | June 6-9, 2012<br>The 10th European Congress of Neuropathology<br>Edinburgh, United Kingdom  |
| May 9-12, 2012<br>7th Baltic Congress of Neurology<br>Tartu, Estonia  | July 14-18, 2012<br>8th FENS Forum of Neuroscience<br>Barcelona, Spain   |
| May 14-16, 2012<br>International Conference and Exhibition on Neurology and Therapeutics<br>Las Vegas, NV, United States                                      | September 6-9, 2012<br>10th Meeting of the European Association of Neuro Oncology<br>Marseille, France   |
| May 16-17, 2012<br>Tübinger Pflegesymposiums Neurologie/Neurochirurgie<br>Tübingen, Germany   | September 8-11, 2012<br>The 16th Congress of the European Federation of Neurological Societies<br>Stockholm, Sweden  |
|   | November 8-10, 2012<br>2nd International Congress on Neurology and Epidemiology 2012<br>Nice, France   |

**GENERAL INFORMATION**

*World Journal of Neurology* (*World J Neuro*, *WJN*, online ISSN 2218-6212, DOI: 10.5316) is a bimonthly peer-reviewed, online, open-access (OA), journal supported by an editorial board consisting of 100 experts in neurology from 30 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.

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### Editorial Office

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Editorial Department: Room 903, Building D,

Ocean International Center,

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- 2 **Lin GZ**, Wang XZ, Wang P, Lin J, Yang FD. Immunologic effect of Jianpi Yishen decoction in treatment of Pixu-diarhoea. *Shijie Huaren Xiaobua 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

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- 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.0000035706.28494.09]

*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]

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- 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]

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- 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. Wiecezorek RR, editor. White Plains (NY): March of Dimes Education Services, 2001: 20-34

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- 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

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- 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

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