



World Journal of Gastroenterology®

Weekly Established in October 1995

Volume 15 Number 20
May 28, 2009



Contents

- | | | |
|--------------------------|------|---|
| EDITORIAL | 2433 | Non-invasive biomarkers for monitoring the fibrogenic process in liver: A short survey
<i>Gressner AM, Gao CF, Gressner OA</i> |
| | 2441 | Inflammatory bowel disease-associated spondyloarthropathies
<i>Fries W</i> |
| TOPIC HIGHLIGHTS | 2443 | Gastrointestinal lesions associated with spondyloarthropathies
<i>Orlando A, Renna S, Perricone G, Cottone M</i> |
| | 2449 | Clinical features and epidemiology of spondyloarthritides associated with inflammatory bowel disease
<i>Salvarani C, Fries W</i> |
| | 2456 | Enteropathic spondyloarthropathy: A common genetic background with inflammatory bowel disease?
<i>Colombo E, Latiano A, Palmieri O, Bossa F, Andriulli A, Annese V</i> |
| | 2463 | Non-invasive investigation in patients with inflammatory joint disease
<i>Dal Pont E, D'Inca R, Caruso A, Sturniolo GC</i> |
| | 2469 | Combined therapeutic approach: Inflammatory bowel diseases and peripheral or axial arthritis
<i>Atzeni F, Ardizzone S, Bertani L, Antivalle M, Batticciotto A, Sarzi-Puttini P</i> |
| | 2472 | Common immunologic mechanisms in inflammatory bowel disease and spondylarthropathies
<i>Fantini MC, Pallone F, Monteleone G</i> |
| REVIEW | 2479 | Diet, ageing and genetic factors in the pathogenesis of diverticular disease
<i>Commone DM, Arasaradnam RP, Mills S, Mathers JC, Bradburn M</i> |
| | 2489 | Current prophylactic strategies against hepatitis B virus recurrence after liver transplantation
<i>Jiang L, Jiang LS, Cheng NS, Yan LN</i> |
| ORIGINAL ARTICLES | 2500 | Nicotine enhances migration and invasion of human esophageal squamous carcinoma cells which is inhibited by nimesulide
<i>Zong Y, Zhang ST, Zhu ST</i> |

BRIEF ARTICLES

- 2506** Antidiabetic therapy and increased risk of hepatocellular carcinoma in chronic liver disease
Donadon V, Balbi M, Ghersetti M, Grazioli S, Perciaccante A, Della Valentina G, Gardenal R, Dal Mas M, Casarin P, Zanette G, Miranda C
- 2512** Relationship between angiotensin-(1-7) and angiotensin II correlates with hemodynamic changes in human liver cirrhosis
Vilas-Boas WW, Ribeiro-Oliveira Jr A, Pereira RM, Ribeiro RC, Almeida J, Nadu AP, Simões e Silva AC, Santos RAS
- 2520** Checkpoint with forkhead-associated and ring finger promoter hypermethylation correlates with microsatellite instability in gastric cancer
Oki E, Zhao Y, Yoshida R, Masuda T, Ando K, Sugiyama M, Tokunaga E, Morita M, Kakeji Y, Maehara Y
- 2526** Risk factors for sporadic colorectal cancer in southern Chinese
Wei YS, Lu JC, Wang L, Lan P, Zhao HJ, Pan ZZ, Huang J, Wang JP
- 2531** Barriers to colorectal cancer screening: A case-control study
Cai SR, Zhang SZ, Zhu HH, Zheng S
- 2537** Rapid detection of intestinal pathogens in fecal samples by an improved reverse dot blot method
Xing JM, Zhang S, Du Y, Bi D, Yao LH
- 2543** Magnetic resonance cholangiopancreatography for the detection of pancreatic duct stones in patients with chronic pancreatitis
Ma ZH, Ma QY, Sha HC, Wu SL, Wen J

CASE REPORT

- 2547** Cecal volvulus: Report of a case and review of Japanese literature
Katoh T, Shigemori T, Fukaya R, Suzuki H
- 2550** A rare case of bile duct cyst
Wang QG, Zhang ST
- 2552** Combined *en bloc* liver/pancreas transplantation in two different patients
Chen ZS, Meng FY, Chen XP, Liu DG, Wei L, Jiang JP, Du DF, Zhang WJ, Ming CS, Gong NQ

ACKNOWLEDGMENTS

- 2556** Acknowledgments to reviewers of *World Journal of Gastroenterology*

APPENDIX

- 2557** Meetings
- 2558** Instructions to authors

FLYLEAF

- I-VII Editorial Board

INSIDE BACK COVER

Online Submissions

INSIDE FRONT COVER

Online Submissions

INTRODUCTION

World Journal of Gastroenterology is an international, open-access, peer-reviewed, and multi-disciplinary weekly journal that serves gastroenterologists and hepatologists. The biggest advantage of the open access 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 values of the readers, the authors and the society.

Maximization of the value of the readers can be comprehended in two ways. First, the journal publishes articles that can be directly read or downloaded free of charge at any time, which attracts more readers. Second, the readers can apply the knowledge in clinical practice without delay after reading and understanding the information in their fields. In addition, the readers are encouraged to propose new ideas based on those of the authors, or to provide viewpoints that are different from those of the authors. Such discussions or debates among different schools of thought will definitely boost advancements and developments in the fields. Maximization of the value of the authors refers to the fact that these journals provide a platform that promotes the speed of propagation and communication to a maximum extent. This is also what the authors really need. Maximization of the value of the society refers to the maximal extent of the social influences and impacts produced by the high quality original articles published in the journal. This is also the main purpose of many journals around the world.

EDITORS FOR THIS ISSUE

Responsible Assistant Editor: *Xiao-Fang Liu*
Responsible Electronic Editor: *Wen-Hua Ma*
Proofing Editor-in-Chief: *Lian-Sheng Ma*

Responsible Science Editor: *Lai-Fu Li*
Proofing Editorial Office Director: *Jian-Xia Cheng*

NAME OF JOURNAL

World Journal of Gastroenterology

RESPONSIBLE INSTITUTION

Department of Science and Technology of Shanxi Province

SPONSOR

Taiyuan Research and Treatment Center for Digestive Diseases, 77 Shuangta Xijie, Taiyuan 030001, Shanxi Province, China

EDITING

Editorial Board of *World Journal of Gastroenterology*, Room 903, Building D, Ocean International Center, No.62 Dongsihuan Zhonglu, Chaoyang District, Beijing 100025, China
 Telephone: +86-10-59080039
 Fax: +86-10-85381893
 E-mail: wjg@wjgnet.com
 http://www.wjgnet.com

PUBLISHING

The WJG Press and Beijing Baishideng BioMed Scientific Co., Ltd., Room 903, Building D, Ocean International Center, No.62 Dongsihuan Zhonglu, Chaoyang District, Beijing 100025, China
 Telephone: +86-10-59080039
 Fax: +86-10-85381893
 E-mail: wjg@wjgnet.com
 http://www.wjgnet.com

PRINTING

Beijing Kexin Printing House

OVERSEAS DISTRIBUTOR

Beijing Bureau for Distribution of Newspapers and Journals (Code No. 82-261)
 China International Book Trading Corporation PO Box 399, Beijing, China (Code No. M4481)

PUBLICATION DATE

May 28, 2009

EDITOR-IN-CHIEF

Lian-Sheng Ma, *Beijing*

SUBSCRIPTION

RMB 50 Yuan for each issue, RMB 2400 Yuan for one year

CSSN

ISSN 1007-9327
 CN 14-1219/R

HONORARY EDITORS-IN-CHIEF

Montgomery Bissell, *San Francisco*
 James L Boyer, *New Haven*
 Chao-Long Chen, *Kaohsiung*
 Ke-Ji Chen, *Beijing*
 Li-Fang Chou, *Taipei*
 Jacques V Dam, *Stanford*
 Martin H Floch, *New Haven*
 Guadalupe Garcia-Tsao, *New Haven*
 Zhi-Qiang Huang, *Beijing*
 Shinn-Jang Hwang, *Taipei*
 Ira M Jacobson, *New York*
 Derek Jewell, *Oxford*
 Emmet B Keeffe, *Palo Alto*
 Min-Liang Kuo, *Taipei*
 Nicholas F LaRusso, *Rochester*
 Jie-Shou Li, *Nanjing*
 Geng-Tao Liu, *Beijing*
 Lein-Ray Mo, *Tainan*
 Bo-Rong Pan, *Xi'an*
 Fa-Zu Qiu, *Wuhan*
 Eamonn M Quigley, *Cork*
 David S Rampton, *London*
 Rafiq A Sheikh, *Sacramento*
 Rudi Schmid, *Kentfield*¹⁾
 Nicholas J Talley, *Rochester*
 Sun-Lung Tsai, *Young-Kang City*
 Guido NJ Tytgat, *Amsterdam*
 Hsiu-Po Wang, *Taipei*
 Jaw-Ching Wu, *Taipei*
 Meng-Chao Wu, *Shanghai*
 Ming-Shiang Wu, *Taipei*
 Jia-Yu Xu, *Shanghai*
 Ta-Sen Yeh, *Taoyuan*
 Ming-Lung Yu, *Kaohsiung*

STRATEGY ASSOCIATE EDITORS-IN-CHIEF

Peter Draganov, *Florida*
 Ronnie Fass, *Tucson*
 Hugh J Freeman, *Vancouver*
 John P Geibel, *New Haven*
 Maria C Gutiérrez-Ruiz, *México*

Kazuhiro Hanazaki, *Kochi*
 Akio Inui, *Kagoshima*
 Kalpesh Jani, *Vadodara*
 Sanaa M Kamal, *Cairo*
 Ioannis E Koutroubakis, *Heraklion*
 Jose JG Marin, *Salamanca*
 Javier S Martin, *Punta del Este*
 Natalia A Osna, *Omaha*
 Jose Sahel, *Marseille*
 Ned Snyder, *Galveston*
 Nathan Subramaniam, *Brisbane*
 Wei Tang, *Tokyo*
 Alan BR Thomson, *Edmonton*
 Paul Joseph Thuluvath, *Baltimore*
 James F Trotter, *Denver*
 Shingo Tsuji, *Osaka*
 Harry HX Xia, *Hanover*
 Yoshio Yamaoka, *Houston*
 Jesus K Yamamoto-Furusho, *México*

ASSOCIATE EDITORS-IN-CHIEF

Gianfranco D Alpini, *Temple*
 Bruno Annibale, *Roma*
 Roger William Chapman, *Oxford*
 Chi-Hin Cho, *Hong Kong*
 Alexander L Gerbes, *Munich*
 Shou-Dong Lee, *Taipei*
 Walter Edwin Longo, *New Haven*
 You-Yong Lu, *Beijing*
 Masao Omata, *Tokyo*

EDITORIAL OFFICE

Director: Jian-Xia Cheng, *Beijing*
 Deputy Director: Jian-Zhong Zhang, *Beijing*

LANGUAGE EDITORS

Director: Jing-Yun Ma, *Beijing*
 Deputy Director: Xian-Lin Wang, *Beijing*

MEMBERS

Gianfranco D Alpini, *Temple*
 BS Anand, *Houston*
 Manoj Kumar, *Nepal*
 Patricia F Lalor, *Birmingham*
 Ming Li, *New Orleans*
 Margaret Lutze, *Chicago*
 Sabine Mihm, *Göttingen*
 Francesco Negro, *Genève*
 Bernardino Rampone, *Siena*
 Richard A Rippe, *Chapel Hill*
 Stephen E Roberts, *Swansea*

COPY EDITORS

Gianfranco D Alpini, *Temple*
 Sujit Kumar Bhattacharya, *Kolkata*
 Filip Braet, *Sydney*
 Kirsteen N Browning, *Baton Rouge*
 Radha K Dhiman, *Chandigarh*
 John Frank Di Mari, *Texas*
 Shannon S Glaser, *Temple*
 Eberhard Hildt, *Berlin*
 Patricia F Lalor, *Birmingham*
 Ming Li, *New Orleans*
 Margaret Lutze, *Chicago*
 MI Torrs, *Jaén*
 Sri Prakash Misra, *Allahabad*
 Bernardino Rampone, *Rome*
 Giovanni Musso, *Torino*
 Valerio Nobili, *Rome*
 Osman Cavit Ozdogan, *Istanbul*
 Francesco Perri, *San Giovanni Rotondo*
 Thierry Piche, *Nice*
 Bernardino Rampone, *Siena*
 Richard A Rippe, *Chapel Hill*
 Ross C Smith, *Sydney*
 Daniel Lindsay Worthley, *Bedford*
 George Y Wu, *Farmington*
 Jian Wu, *Sacramento*

COPYRIGHT

© 2009 Published by The WJG Press and Baishideng. 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, or otherwise without the prior permission of WJG. Authors are required to grant WJG an exclusive licence to publish.

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/wjg/help/instructions.jsp>. If you do not have web access please contact the editorial office.

ONLINE SUBMISSION

<http://wjgnet.com>