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CHECKLIST OF RESPONSIBILITIES FOR SCIENTIFIC EDITORS OF THE BAISHIDENG PUBLISHING GROUP JOURNALS

The primary responsibilities of our scientific editors include carefully checking the entire manuscript and all accompanying materials for: (1) errors in spelling, grammar, punctuation and wording; (2) suitability of tables, figures, figure data and legends; (3) accurate and appropriate presentation of symbols (*e.g.* +, -, ×, ÷, %, *) in tables and figures; and (4) complete and comprehensive revision of the manuscript according to the reviewers' comments.

The information for your currently assigned manuscript and the checklist are below:

Name of journal: World Journal of Medical Genetics
Manuscript NO.: 17298
Column: Editorial
Title: Value of predictive bioinformatics in inherited metabolic diseases
Authors: David J Timson
Reviewer code: 00646375 and 00646387
First decision: 2015-04-27 15:40
Scientific Editor: Fang-Fang Ji
Date of signature: May 5, 2015

Item no.	Specific items for verification	Comments
1	The fixed headings are copied.	[Y]
2	The title concisely summarizes the main topic of the study and is not too long (no more than 12 words). Words such as 'exploration', 'research', 'analysis', 'observation', and 'investigation' are avoided. The title does not start with 'The' and does not include any Arabic numbers or uncommon abbreviations.	[Y]
3	A short running title is provided (no more than 6 words).	[Y]
4	The authors' full family (sur)names and full/abbreviated first names are listed on the title page and are consistent with those listed in the signed BPG Copyright Assignment form.	[Y]
5	The entire manuscript has been investigated for suspected or proven academic/publication misconduct before the manuscript is sent to the Editor-in-Chief.	[Y]
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7	The 'Supported by' statement describes the source(s) of financial support and includes the corresponding identification number(s) and program ID(s) if available, and contains no spelling errors.	[N]
8	The ethics-related statements are provided in accordance with the manuscript type.	[Y]
9	The 'Author contributions' passage describes the specific contribution(s) made by each author. The author's names are listed in the following format: full family (sur)name followed by abbreviated first and middles names. *e.g.*, "Wang CL and Liang L contributed equally to this work; Wang CL, Liang L, Fu	[Y]

	JF, Zou CC, Hong F and Wu XM designed the research study; Wang CL, Zou CC, Hong F and Wu XM performed the research; Xue JZ and Lu JR contributed new reagents and analytic tools; Wang CL, Liang L and Fu JF analyzed the data; and Wang CL, Liang L and Fu JF wrote the manuscript. All authors have read and approve the final manuscript."	
10	The 'Correspondence to' passage provides the corresponding author's full first and family (sur)names, abbreviated title (*e.g.*, MD, PhD), affiliated institute's name and complete postal address (including zip code) and e-mail (written in all lowercase), and contains no spelling errors.	[Y]
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13	The Abstract section is formatted according to the article-specific style (structured *vs* unstructured) and word count thresholds, as follows: Commentary, Frontier, Diagnostic Advances, Medical Ethics, Minireview, Review, Therapeutics Advances, and Topic Highlight: Non-structured abstract that is no less than 200 words. Field of Vision, Case Report and Letter to the Editor: Non-structured abstract that is no less than 150 words. Original Articles (Basic Study, Case Control Study, Clinical Trials Study, Observational Study, Prospective Study, Randomized Clinical Trial, Randomized Controlled Trial, Retrospective Cohort Study, and Retrospective Study): Structured abstract with subsections for AIM (no more than 20 words), METHODS (no less than 140 words), RESULTS (no less than 150 words), and CONCLUSION (no more than 26 words). Evidence-Based Medicine, Meta-Analysis, Scientometrics and Systematic Reviews: Structured abstract with subsections for AIM (no more than 20 words), METHODS (no less than 80 words), RESULTS (no less than 120 words), and CONCLUSION (no more than 26 words).	[Y]
14	The 'Key words' list provides 5-10 keywords that reflect the main content of the study. The first letter of each keyword is capitalized, and each keyword is separated by a semicolon.	[Y]
15	The 'Core tip' provides a summary (less than 100 words) of the study that outlines the most innovative and important arguments and core contents of the paper and will serve to effectively attract readers.	[Y]
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18	The 'MATERIALS AND METHODS' section clearly and accurately describes all materials and methods used to obtain the data presented in the article and is	[N]

	adequate for a reader to repeat the study.	
19	The 'RESULTS' section concisely describes the observational and experimental results. Representative data and data that have scientific significance are emphasized. Data is presented in either the text, a table or figure (*i.e.*, chart, diagram, graph or image), but is not repeated among each. Information presented in the tables and figures clearly describes the trends, meaning, and inferences. Results described in textual form are accurate, concise and clear.	[N]
20	The order and numerical labeling of tables and figures is consistent with their appearance and presentation in the text. Symbols in tables (*e.g.*, +, -, ×, ÷, ∗) correctly correspond to the definitions in the footnotes. Only one legend is provided for each multi-panel figure consisting of color graphs, black and white graphs, or line graphs that depicts data of the same theme. For example: **Figure 1** Pathological changes in atrophic gastritis tissue before and after treatment. A: …; B: …; C: …; D: …; E: …; F: ….	[Y]
21	Split pictures include flow charts, line graphs, histograms, and graphs including text. Unsplit pictures include meta-analysis diagrams, PCR amplification curves, and survival curves.	[N]
22	Statistical symbols are accurate. Statistical significance is expressed as $^{a}P<0.05$, $^{b}P<0.01$ ($P>0.05$ usually does not need to be denoted). If there are other series of P values, $^{c}P<0.05$ and $^{d}P<0.01$ are used, and a third series of P values is expressed as $^{e}P<0.05$ and $^{f}P<0.01$. Statistical data is expressed as mean ± SD or mean ± SE.	[N]
23	The 'DISCUSSION' section (1) describes the main purpose and hypothesis of the study, (2) summarizes the most important results, (3) illustrates and explains the results (but does not simply repeat the data) and draws conclusions or inferences based on the results, (4) points out the limitations of the study and their impact on the results, as well as proposes further advice on future research topic(s) or direction(s), and (5) describes the theoretical significance and practical value of the findings.	[N]
24	The 'ACKNOWLEDGMENTS' section expresses gratitude to any individuals or organizations for technical support (*i.e.*, providing instrumentation, equipment or experimental materials, and/or assistance in experimental work), non-technical services (*i.e.*, useful inspiration, suggestions, guidance, or review), and/or any other auxiliary work.	[Y]
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	Review: no less than 100 Article: no less than 30/26 Case Report and Letter to the Editor: no less than 1	
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