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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells
Manuscript NO: 33233
Title: High frequency of CD34+CD38-/low immature leukemia cells is correlated with unfavorable prognosis in acute myeloid leukemia
Reviewer's code: 01554116
Reviewer's country: Spain
Science editor: Fang-Fang Ji
Date sent for review: 2017-04-14
Date reviewed: 2017-04-17
Review time: 3 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

This is a study on a large sample of AML cases at diagnosis, assessing the predicitve value of the immature CD34+CD38- population in the outcome of these patients. The study is well designed and performed and the conclussions are clear and supported by the experimental data. Minor comment: Sincé CD38 expression is a continuous within the CD34+ poplation, deciding the cut-off value has important implications in this tyoe of studies. The autor stated that "Within CD34+ compartment we divided three subpopulations: CD34+CD38-, CD34+CD38lo, and CD34+CD38hi, based on intensity of CD38 expression." An alternative way would be to set up a thresold based on the Ig G isotype background. The authors should comment on this pint, comparing both alternatives.

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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells
Manuscript NO: 33233
Title: High frequency of CD34+CD38-/low immature leukemia cells is correlated with unfavorable prognosis in acute myeloid leukemia
Reviewer's code: 02446280
Reviewer's country: Russia
Science editor: Fang-Fang Ji
Date sent for review: 2017-04-14
Date reviewed: 2017-04-18
Review time: 4 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The manuscript entitled "High frequency of CD34+CD38–/low immature leukemia cells is correlated with unfavorable prognosis in acute myeloid leukemia" is a concise research paper that addresses an important issue of prognostic factors in response to therapy. Using multicolor fluorescence cell analysis Authors demonstrated that CD34/CD38 cell population may be useful prognostic factor. Overall paper is well written and provides solid data. However, the text of the paper needs some thorough editing. References have to be organized in the order of their appearance, if square brackets are used for refs, please do not use it for data. Meaning of the numbers is absolutely unclear in such sentences ".., 33 relapsed (30%), with median time between diagnosis of 10 months [2-24],…". If abbreviation was initially introduced, please use it though out the text, do not repeat it twice or more times "…leukaemia stem cells

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(LSC)…".

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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells
Manuscript NO: 33233
Title: High frequency of CD34+CD38-/low immature leukemia cells is correlated with unfavorable prognosis in acute myeloid leukemia
Reviewer's code: 02446114
Reviewer's country: Taiwan
Science editor: Fang-Fang Ji
Date sent for review: 2017-04-14
Date reviewed: 2017-04-22
Review time: 8 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Good paper for the reader of WJSC.

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PEER-REVIEW REPORT

Name of journal: World Journal of Stem Cells
Manuscript NO: 33233
Title: High frequency of CD34+CD38-/low immature leukemia cells is correlated with unfavorable prognosis in acute myeloid leukemia
Reviewer's code: 02446219
Reviewer's country: Iran
Science editor: Fang-Fang Ji
Date sent for review: 2017-04-14
Date reviewed: 2017-04-26
Review time: 11 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The study is well-designed and its topic is interesting.