

**Review Form 1.7**

Journal Name:	<b>Asian Hematology Research Journal</b>
Manuscript Number:	<b>Ms_AHRJ_116032</b>
Title of the Manuscript:	<b>Flowcytometry Immunophenotyping: Role in Acute Leukemia and detection of aberrant expressions in the Indian population</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ol style="list-style-type: none"> <li>1. <b>Yes, the article discusses the role of flow cytometry in the diagnosis of acute leukemia and guides treatment choices.</b></li> <li>2. <b>Yes</b></li> <li>3. <b>Yes</b></li> <li>4. <b>Yes, however authors may need to more comprehensively describe the method section.</b></li> <li>5. <b>Yes</b></li> <li>6. <b>Yes, references are sufficient, and it would be better to add more references in the discussion section when comparing findings.</b></li> </ol>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Fair English quality; minor corrections are needed.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>The manuscript discusses a topic of importance, describing the role of flow cytometry in the diagnosis of acute leukemias in this region.</p> <p>I do have a few comments below</p> <ol style="list-style-type: none"> <li>1. Authors may need to provide details of the methodology used in their study. This includes information on where the samples were obtained from and the population they serve, ensuring that the sample size is representative enough.</li> </ol> <p>In addition to this,</p> <ol style="list-style-type: none"> <li>A. It would be helpful to outline any exclusion criteria and whether all cases are treatment naïve.</li> <li>B. Please describe the sample processing and staining procedures, including gating protocols used.</li> <li>C. Please list the cluster differentiation (CD) markers tested and the combinations of monoclonal antibodies used.</li> <li>D. It would be beneficial to clearly state the CD markers utilized to classify cases of acute leukemias into ALL,AML,or mixed /undifferentiated types.</li> <li>E. Please describe how aberrancy was defined for a specific marker in a population of blasts.</li> </ol> <ol style="list-style-type: none"> <li>2. Minor corrections on labeling of the tables and figures are needed. In addition, some figures presented are blurry. Two or more scatter plots are needed for cases of aberrancy. Author(s) are advised to add scatter plots for cases of AML, ALL, undifferentiated, and mixed acute leukemia.</li> </ol>	

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	<p>3. Author(s) may add the number of mixed acute leukemia cases diagnosed.</p> <p>4. Author(s) may discuss their findings by comparing with multiple and more recent references.</p> <p>5. It would be beneficial for the study to include a section on limitations, details on ethical approval, and any potential conflict of interests.</p>	
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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