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| Book Name: | [**Medical Science: Trends and Innovations**](https://www.bookpi.org/bookstore/product/medical-science-trends-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4556** |
| Title of the Manuscript:  | **Automated detection of malignant epithelial cells in effusions by DNA-karyometry** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This article is very important for the scientific community. Because this technique of machine learning karyometry reduces the loadwork of the pathologists and increase the performance of their resuts.** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **The abstract is well structured according to the IMRAD method.** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **The references are sufficient but not too recents. I think as the method is very new, there are no similar work in the literature.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The language is correct. |  |
| Optional/General comments | I thank the authors of the high quality of this work.Can the authors tell the reader how –in their opinion- can increase the specificity of this new method (DNA karyometry) that is actually evaluated at 76.5 percent.The main text in the manuscript is different from the discussion part (Arial 12 vs Calibri 12).What can be the atuthor’s proposition to increase the correct nuclear classification for macrophages that it still low at 41;3 per cent? |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s comment** *(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)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** |
| Name: | **Said HADDADI** |
| Department, University & Country | **Central Hospital of the Army Dr Mohamed Seghir Nekkache, Algiers University, Algeria** |