

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Biology</a>
Manuscript Number:	Ms_AJOB_123994
Title of the Manuscript:	Advancing Prostate Cancer Diagnosis and Treatment Through AI-Driven Decision-Making: A Comprehensive PRISMA-Based Systematic Review
Type of the Article	Systematic Review

#### **General guidelines for the Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### **Important Policies Regarding Peer Review**

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript deals with a very interesting fact, which may represent the future of medicine, respectively AI. I think that AI will be of real use, both in the early diagnosis of diseases, as well as in the calculation of risk and the predictability of the evolution of different diseases, not only the neoplastic ones. This study gives us a far-reaching vision of the importance and efficiency of AI and its clinical applicability, although for now the AI research is at its' beginnings, and we have relatively short-term results.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title includes all the important aspects presented in the article, so it is suitable.	
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.	I would like to see a reorganisation of the abstract. I would appreciate to read a short introduction about the importance of prostate cancer and how AI can be used in applied medicine to improve the current diagnostic methods and to optimize and personalize the therapeutic methods for each patient. One or two sentences to convince me that I must read this article.	
Are subsections and structure of the manuscript appropriate?	I consider that the articles' subsections and structure include all the important aspects regarding prostate cancer diagnosis, evolution and treatment.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	I consider that the basic research of this study is a laborious one and provides us with comprehensive information about studies from all over the world, which focuses on well-defined topics regarding the applicability of AI in clinical medicine. Maybe I would have added a mention about the Select MDx and Confirm MDx tests to the part of diagnostic and prognostic biomarkers, these being added from 2018 in the EAU guidelines (even though the researched studies do not have their focus on these biomarkers). Also needs better use of the medical terms when defining the different risk type of prostate cancer.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
<u>Minor</u> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	It needs moderate/major corrections	
<u>Optional/General</u> comments		

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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:**

Name:	<b>Donath-Miklos Imola</b>
Department, University & Country	<b>Vasile Goldis Western University, Romania</b>