

Review Form2

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|--------------------------|---------------------------------------------------------------------------------------|
| Book Name:               | <a href="#">Science and Technology - Recent Updates and Future Prospects</a>          |
| Manuscript Number:       | Ms_BPR_1942                                                                           |
| Title of the Manuscript: | AI-based support for optical coherence tomography in age-related macular degeneration |
| Type of the Article      | Book chapter                                                                          |

PART 1: Review Comments

| Compulsory REVISION comments                                                                                                                                                                                              | Reviewer's comment                                                                                                                                                                                                                                                                                                                                                                                                   | 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.                          | The importness is in the treatment and follow-up in routine disease management are AI-based algorithms have by their precision, reproducibility and speed, the potential to reliably quantify biomarkers, predict and assist treatment decisions in clinical routine as well as academic studies. This review paper provide the current state of AI in AMD, focusing on its applications, challenges, and prospects. |                                                                                                                                                             |
| Is the title of the article suitable?<br>(If not please suggest an alternative title)                                                                                                                                     | yes                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                             |
| Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.                                                                   | Yes<br>No need addition                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                             |
| Are subsections and structure of the manuscript appropriate?                                                                                                                                                              | yes                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                             |
| Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound?Minimum 3-4 sentences may be required for this part. |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                             |
| Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.                                                                                             | Yes sufficient                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                             |

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| Minor REVISION comments                                                           |              |  |
| Is language/English quality of the article suitable for scholarly communications? | Yes suitable |  |
| Optional/General comments                                                         |              |  |

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) |                                                                                                                                                                              |

Reviewer Details:

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|----------------------------------|-----------------------------------------------|
| Name:                            | Qasim                                         |
| Department, University & Country | College of Medicine, Babylon University, Iraq |