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| Journal Name: | [**Asian Journal of Biochemistry, Genetics and Molecular Biology**](https://journalajbgmb.com/index.php/AJBGMB) |
| Manuscript Number: | **Ms\_AJBGMB\_134760** |
| Title of the Manuscript: | **The Intimate Read: Nanopore Sequencing and the Philosophical Recalibration of Life's Code** |
| Type of the Article | **Minireview Article** |

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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 The following disclaimer has been added in Competing interests section -The authors affirm that no generative artificial intelligence tools—including but not limited to large language models (e.g., ChatGPT, Gemini, Copilot) or text-to-image systems—were employed in the drafting, revision, or conceptual development of this manuscript. All content reflects original human intellectual work- |
| **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 manuscript, written with a philosophical edge, highlights the manifold benefits of real-time whole-genome analysis as it applies to various aspects of scientific endeavors. It has specifically emphasized these benefits in expediting research, diagnosis, and evidence-based interventions. Its importance, among other things, lies in the realisation that nanopore sequencing technology, with all its expected future refinements, is supplanting other sequencing methods. Therefore, quite a diverse sphere of interests would be well served by this article.** | We sincerely appreciate the reviewer's thoughtful engagement with our manuscript and their recognition of its unique philosophical perspective on nanopore sequencing technology. We are particularly grateful for their acknowledgment of the manuscript's emphasis on the transformative potential of real-time whole-genome analysis across scientific disciplines. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title.)** | **Yes. It is quite suitable and especially fitting for the narration type used in the article.** | ok |
| 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. | **Yes** | ok |
| Is the manuscript scientifically, correct? Please write here. | Yes | ok |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes. But the references need to be enumerated. | References are now enumerated. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | ok |
| Optional/General comments | **Reflecting on the evolution and refinement of nanopore technology over the past decade reveals the rapid pace of its development and its growing ability to address many pressing molecular needs in real time. I believe that incorporating a single paragraph in the introduction or conclusion can effectively convey this information.** | Sentence added to **Introduction** section  Since the commercial introduction of Oxford Nanopore Technologies in 2014 (ONT),  nanopore sequencing has evolved from a proof-of-concept technology with error rates between ∼5% and 40% error (Goodwin, et al., 2015) to a clinically viable platform achieving >99.9% precision (Su et al., 2025) |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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 detail)* | Original Manuscript has been highlighted on the modified parts |