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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\_4466** |
| Title of the Manuscript:  | **EARLY DISEASE DIAGNOSIS USING FTIR SPECTROSCOPY IN BODY FLUIDS ANALYSIS** |
| 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 minimumof 3-4 sentences may be required for this part.** | This manuscript is good because it discuse the potential applications of FTIR spectroscopy in early detection of disease, an area under rapid evolution within medical diagnostics. The study contributes valuable insights about how this non-invasive method can be deployed for the detection of disease markers in body fluids, which is likely to contribute significantly to enhanced clinical diagnostics and patient management. The review of recent applications from 2020 to 2025 provides an updated view, which is useful for researchers and clinicians alike.  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | Appropriate title. |  |
| 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. | 1. Please clear objective of the study
2. Highlight key findings and their imp in clinical diagnostics
3. Add major limitation
 |  |
| **Is the manuscript scientifically, correct? Please write here.** | Manuscript scientifically, correct.Figure 2,3,4 , describe spectra differences in disease detection. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | 1. Add recent literature refrences (exa.2015)2. Covid-19 om FTIR base dainosis refrence are missing. |  |
| Is the language/English quality of the article suitable for scholarly communications? | Some grammer error |  |
| Optional/Generalcomments | 1. Minor revisions required
2. Improve claraity, add recent refrences, explanation for figures.
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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: | **Varsha Rawat** |
| Department, University & Country | **Mats University, Mats School of Pharmacy, India** |