Review of: "Introduction to Evolutionary Cancer Cell Biology (ECCB) and Ancestral Cancer Genomics"

Matheus Correia Casotti[1]

1 Universidade Federal do Espírito Santo

Potential competing interests: No potential competing interests to declare.

The article presents a vision capable of changing paradigms and standardizations in the oncology area that is capable of providing new insights for new discussions and debates about theoretical science, which my student Matheus Correia Casotti and I always seek to do together with our practical experiments in the laboratory . I see that this article introduces new ways to leverage the construction of new ideas for real, more translational and adaptive oncological treatment, the same thing that happened with Quantum Physics that improved the basis of classical Physics, I do not see articles like this as an offense to countless researchers , but rather, as a way of generating more theories, paradoxes, paradigms and knowledge about a disease that affects so many people in the world. Therefore, I see that if the ultimate goal is a joint growth of the scientific community for an effective investment to solve problems for people who are suffering, I think the discussions, debates and conversations have been worth it.

Some considerations I have are more than what I think could be adapted if it is interesting for the author, in the following parts:

It challenges the conventional wisdom of cancer research, suggesting that cancer can arise through intrinsic cellular mechanisms, without genetic changes and mutations (4) . Furthermore, it postulates that somatic mutations are only secondary downstream events in the process of oncogenesis.

Suggestion:
I would remove it **without genetic changes and mutations** and replace it with '**Permeated by genetic changes and mutations**"
I would just remove

Simple fix:
PGCC: A complex cancer response. Book, Atena Editura (Para Editora) 2023, Edited by Matheus Correia**Cassoti (To Casotti)** et al.