

Peer Review

Review of: "The Role of T-Cell Exhaustion as a Driver in the Development of Post-Acute Infection Syndromes: A Literature Review"

Charlotte Steenblock¹

1. Universitätsklinikum Dresden, Dresden, Germany

In this review, Gielen et al. describe the current knowledge about the role of immune dysfunction, in particular T cell exhaustion, in post-acute infectious syndrome (PAIS).

The manuscript is written as a narrative review, reporting on studies related to PAIS and T cell exhaustion. Although the main focus of the manuscript is on T cells, I believe other potential causes of PAIS, such as other inflammatory markers and autoantibodies against neurotransmitters, should also be briefly mentioned in the introduction.

It might also be helpful to comment on the observed differences in PAIS incidence between men and women, and note that certain groups, such as individuals with metabolic dysfunction, are more susceptible to both acute infections and PAIS.

For improved clarity, a figure or diagram providing an overview of T cell dysfunction would be beneficial. Otherwise, this concise review is well-written and provides a good overview of the current understanding of the role of T cell exhaustion in PAIS.

Declarations

Potential competing interests: No potential competing interests to declare.