

Review of: "Reduced Blood to Brain Glucose Transport as The Cause For Hyperglycemia: a Model That Resolves Multiple Anomalies in Type 2 Diabetes"

Ge Song¹

¹ University of South Carolina

Potential competing interests: No potential competing interests to declare.

This paper presents a refined model to resolve multiple anomalies regarding glucose regulation by considering the reduced rate of blood-to-brain transportation of glucose and insulin. The simulation results show that a brain-centred model can potentially explain most of the anomalies that can occur in peripheral models.

The paper is well-organized, except for one mistake in the manuscript, which is listed below:

Line 414: below a threshold PI

The threshold should be PIT rather than PI.