

Review of: "[Commentary] Insulin Sensitizers as Anti-Aging Agents: Exploring the Role of Albumin and its Implications for Healthy Aging"

Vidhu Gill¹

¹ Swami Vivekanand Subharti University

Potential competing interests: No potential competing interests to declare.

Aging is an inevitable part of human physiology. The first and foremost molecule which is responsible for aging is definitely glucose. Sensitization be it insulin that is included should be related to numerous glucose receptors not just one, which was a key missing point in your study. There is another term known as fructose sensitivity, and other by products of glucose metabolism where insulin does play a convenient role in their metabolism. Thus a single receptor or molecule is not responsible for ageing and its process there are number of pathways which are interlinked. Plus this sole inclusion of albumin is underrating the process of aging, molecules like collagen peptides, amyloid protein and few other additives must be included and correlated to insulin sensitization. As aging is also dividedly due to advanced glycation end products, a dietary byproduct which is responsible for aging due to our dietary preferences is missing here. Insulin sensitization and AGEs sensitization is relevant here (focus RAGEs). I would also add that there are different aspects to ageing, those who do not suffer with any disturbance in their glucose metabolism throughout their lives, does age. do define briefly what do you mean by healthy ageing as this is contradictory to modern lifestyle