

Review of: "Cell-cell metabolite exchange creates a pro-survival metabolic environment that extends lifespan"

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In this article, authors show that metabolically cooperating cells shape their metabolic environment to achieve lifespan extension. The paper is clearly organized and provides new ideas for the study of cell metabolism, but I still have several questions for the author to answer

1. In Fig.1e, the authors did not show whether the residual ¹³C-glucose or other ¹³C-metabolites in the culture medium lead to the accumulation of ¹³C-amino acids in cells growing in the swapping media?
2. In Fig.5c, what is the oxygen consumption of WT/SeMeCo/MET15-SeMeCo in the stationary phase?
3. In Fig.5d, how did the authors determine the concentration of glycerol? Whether the authors test the effects of ethanol or acetate on cell survival in SM+glycerol medium?