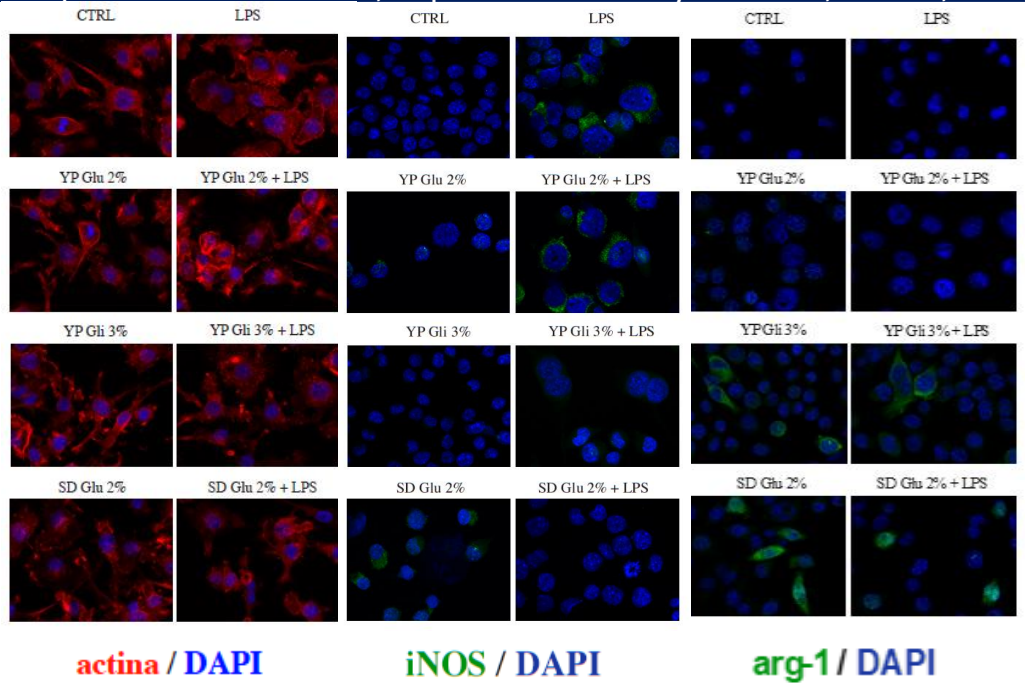
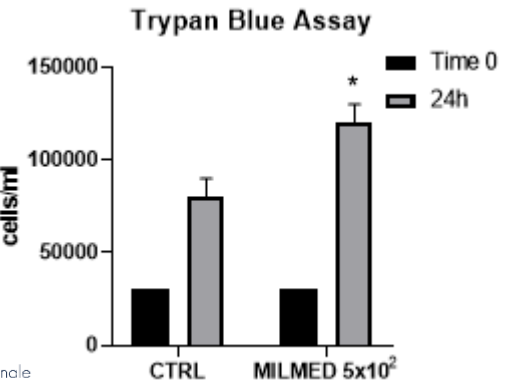
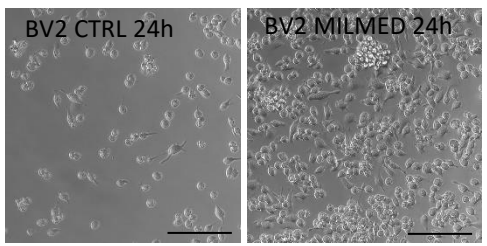


ROLE OF SACCHAROMYCES CEREVISIAE SUPPLEMENTED TO GLIAL AND NEURAL CELLS

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Introduction: Baker's and brewer's yeasts (*S. cerevisiae*) have been used as dietary supplements due to high contents of vitamin, amino-acids and minerals. We tested if activation of different yeast metabolic pathways may be involved in the induction of growth and polarized phenotype in microglial cell lines



Conclusion: Yeasts, added to microglial cells, counteracts LPS-induced inflammatory activity, as shown by modulation of expression of polarization biomarkers and production of pro-inflammatory cytokines
Perspectives: evaluation of epigenetic mechanisms underlying these results

