

The present invention falls within the field of biotechnologies and relates to a method for concentrating a cell suspension comprising a mucilaginous biomass of oleaginous yeasts. More specifically, the present invention relates to a method for concentrating, in order to favour the subsequent extraction process of intracellular lipids, a cell suspension comprising a biomass of oleaginous yeasts fermented in fermentation broth under conditions that allow the intracellular accumulation of lipids, said biomass being characterized in that it contains significant quantities of mucilaginous material.