

Yeasts and bacteria phenotyping on a coffee pulp fermentation simulation medium for the

selection of new starters to improve the final coffee quality

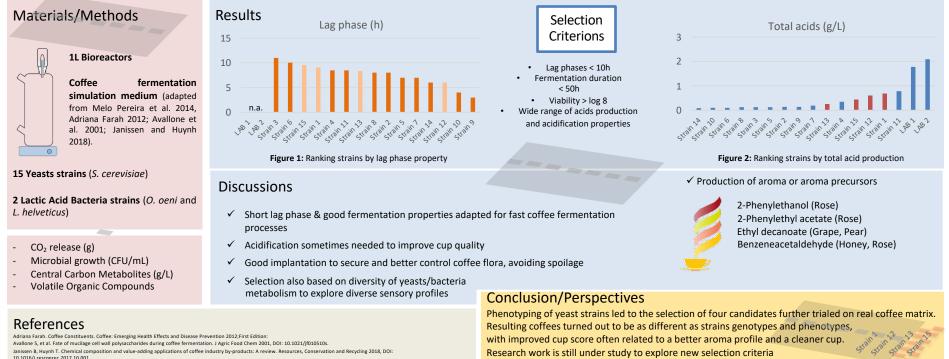
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Introduction

Microorganisms play a key role in coffee fermentation by degrading mucilage and consuming coffee pulp nutrients to produce aroma and aroma precursors as acids, superior alcohols and other esters that will contribute to organoleptic properties of the resulting coffee. In order to better control this crucial step, the use of starters – yeasts and/or bacteria – is of growing interest. To face the plurality of post-harvest processes that lead to commercial coffee, several yeast and bacteria strains were evaluated on coffee pulp simulation medium to select appropriate candidates.



such as enzymatic activities for instance.

Melo Pereira GV de, et al. solation, selection and evaluation of yeasts for use in fermentation of coffee beans by the wet process. Int J Food Microbiol 2014, DOI: 10.1016/j.ijfoodmicro.2014.07.008