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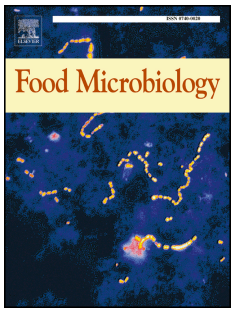

Influence of growth conditions on adhesion of yeast *Candida* spp. and *Pichia* spp. to stainless steel surfaces

Ružica Tomičić, Peter Raspor

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Influence of growth conditions on adhesion of yeast *Candida* spp. and *Pichia* spp. to stainless steel surfaces

Ružica Tomičić[a], Peter Raspor[b]

[a] Faculty of Technology, University of Novi Sad, Bulevar cara Lazara 1, 21000 Novi Sad, Serbia

[b] Biotechnical Faculty, University of Ljubljana, Jamnikarjeva 101, 1000 Ljubljana, Slovenia

Ružica Tomičić, ruzica.tomicic@yahoo.com

Peter Raspor, peter.raspor@guest.arnes.si

Corresponding author:

prof.dr.Peter Raspor

Neubergerjeva 13, 1000 Ljubljana, Slovenia Tel: +386 41335113

peter.raspor@guest.arnes.si

Abstract

An understanding of adhesion behavior of *Candida* and *Pichia* yeast under different environmental conditions is key to the development of effective preventive measures against biofilm-associated infection. Hence in this study we investigated the impact of growth medium and temperature on *Candida* and *Pichia* adherence using stainless steel (AISI 304) discs with different degrees of surface roughness (Ra = 25.20 – 961.9 nm), material typical for the food processing industry as well as medical devices. The adhesion of the yeast strains to