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**Isolation and characterization of antagonistic microorganisms for
biological control fungal bacteria DA-71,
Burkholderia cepacia.**

Youn-Ju Jung, Sang-Cheol Lee, Ju-Soon Yoo, Young-Choon Lee,
Soo-Yeol Chung¹⁾, Woo-Hong Joo²⁾ and Yong-Lark Choi

Division of Biotechnology Faculty of Natural Resources and Life Science, Dong-A
University, Busan, ¹⁾Dept. of Food Science & Nutrition, Dongju College Busan,
Dept. of Biology, Changwon National University, Changwon, Korea

For the purpose of acquiring microbial agents that can be utilized to
biologically control airborne diseases.

Several strains were isolated from the cultured soils for salts accumulation
and superfluity treatment of phosphate. They were screened for antagonism in
vitro against various test fungal, *B. cineria* (gray mold rot) and *R. solani*
(tamping off). One of these strains, DA-71 demonstrated outstanding
antagonistic activity. The strain (DA-71) was identified as a *Burkholderia*
cepacia DA-71 based on the biochemical and physiological characteristics.
Antibiotic resistance of the strain was tested by several materials. The
optimum cultural conditions were tested. The crude extract by butanol from the
culture medium and cell extract were known to inhibition the growth of the two
pathogen.