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Czech J. Food Sci.

**Sergelidis D., Abraham
A., Anagnostou V.,**

**Govaris A.,
Papadopoulos T., Papa
A.:**

**Prevalence,
distribution, and
antimicrobial
susceptibility of
*Staphylococcus
aureus* in ready-to-eat
salads and in the
environment of a salad
manufacturing plant in
Northern Greece**

Czech J. Food Sci., 30 (2012): 285-291

The prevalence, distribution, and antibiotic susceptibility of *Staphylococcus aureus* was investigated in ready-to-eat (RTE) salads, the environment, and the personnel of a salad producing plant in Greece. Staphylococci were isolated from 27% of the samples. Apart from three

isolates which were sensitive to all antibiotics, all the others exhibited resistance from two up to five antibiotics. None of the isolates was resistant to oxacillin. Random Amplified Polymorphic DNA (RAPD) analysis showed no genetic relation between the human and salad isolates while one RAPD clone of *S. aureus* predominated among the salad samples. The results suggest that an effective application of Good