



438 Research paper

Detection of antibiotic-resistant bacteria and their resistance genes in wastewater, surface water, and drinking water biofilms

by Schwartz, T., Kohnen, W., Jansen, B., & Obst, U.

2003 FEMS Microbiology Ecology 43: 325-335

In **Significant Impact Groups:**

Other \

Species targeted: Other;

Age: Not stated;

Summary:

In addition to wastewater, biofilms were also investigated in drinking water from river bank filtrate to estimate the occurrence of resistant bacteria and their resistance genes, thus indicating possible transfer from wastewater and surface water to the drinking water distribution network. The vanA gene was found not only in wastewater biofilms but also in drinking water biofilms in the absence of enterococci, indicating possible gene transfer to autochthonous drinking water bacteria.

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Where to find the original material:

<https://www.sciencedirect.com/science/article/abs/pii/S0168649602004440>; 10.1016/S0168-6496(02)00444-0

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