Microbial Contaminants Found in Low Egg Passage Rabies Vaccine Used in Nigeria.

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Summary

Bacteriological and mycological examinations (cultural and biochemical characteristics) identified 4 pathogenic organisms as contaminants in 6 out of 7 LEP batch 20 rabies vaccines produced 1990 in Nigeria. Cryptococcus neoformans and Penicillium spp. were isolated from 5 vaccine samples, while one sample additionally also contained Rhizopus and Pseudomonas. One vaccine sample was negative for microbial contaminants. Improper conditions of vaccine production and storage are discussed.