

Researchers say one bacterium responsible for most halitosis

By [Dr. Harold Katz](#) - BAD BREATH EXPERT

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SUMMARY: Biological physicists at the University of Buffalo's School of Medicine reported that a strain of bacteria that emits volatile sulfur compounds may be the cause of a significant amount of human halitosis.

Biological physicists at the University of Buffalo's School of Medicine reported that a strain of bacteria that emits volatile sulfur compounds may be the cause of a significant amount of human [halitosis](#).

A study published in the Journal of Breath Research found that 100 percent of participants who presented with [bad breath](#) had traces of the Solobacterium moorei on their tongues.

By comparison, only 14 percent of those without halitosis gave tongue scraping samples that contained the bacteria.

Previous research has associated bad breath with the microorganism, which creates smelly sulfuric compounds as a byproduct of its digestion. In particular, the produce hydrogen sulfide, which the human nose associates with rotten eggs.

The paper concludes that the S. moorei bacterial strain may be officially and scientifically associated with bad breath.

Individuals who have persistent halitosis need not give up hope. When regular brushing and flossing cannot get rid of bad breath, rinsing with an odor-neutralizing specialty breath freshener may do the trick by eliminating the sulfuric molecules that cause the odor.

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