

# **news** THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

southwestern medical school ■ graduate school of biomedical sciences ■ school of allied health sciences

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DALLAS--Researchers at The University of Texas Southwestern Medical School have been granted a \$91,652 extension of contract to study certain effects of antibiotics in animals.

Principal investigator of the Food and Drug Administration project is Dr. H. Richard Adams, a Ph.D. pharmacologist and Doctor of Veterinary Medicine who already has published some results of the initial research.

"These results show there are certain antibiotics which inhibit arterial smooth muscle contraction by interfering with calcium utilization at a cellular level," explained the health scientist.

Dr. Adams, with Dr. Frank Goodman, Vicki Ann Lupean and Dr. George Weiss, utilized rabbit aortic smooth muscle in the initial research. Plans are to test various antibiotics in monkeys and baboons as well.

Motivation for the research came from reports of adverse patient reactions, such as neuromuscular paralysis, believed caused by interaction of certain antibiotics and anesthetic agents.

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