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\$16,241 grant awarded to UM microbiology department

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\$16,241 GRANT AWARDED TO UM
MICROBIOLOGY DEPARTMENT

MISSOULA--

The University of Montana Department of Microbiology has been awarded a grant of \$16,241 by the National Institute of Allergy and Infectious Diseases, a division of the Public Health Service. The research grant, part of a continuing award, is for the 1971-72 academic year.

Dr. Jon A. Rudbach (pronounced Rud-back), associate professor of microbiology at UM and principal investigator for the project, said the grant is being used to study substances in human blood plasma which inactivate poisonous substances called endotoxins.

Dr. Rudbach said that he is attempting to isolate certain proteins in the blood that combat the endotoxins and render them harmless. His studies also include analyzing the blood of a variety of animals to determine the identity and character of the defense system.

Dr. Rudbach joined the UM faculty in 1970 after a seven-year tenure as a public health scientist at the U.S. Public Health Service Rocky Mountain Laboratory, Hamilton.

He obtained a Bachelor of Arts degree from the University of California, Berkeley, in 1959 and a master's degree and doctorate from the University of Michigan, Ann Arbor, in 1961 and 1964, respectively. Dr. Rudbach began his research on endotoxins while at the University of Michigan in 1959.

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