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MEDIA RELEASE

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UM CHEMIST RECEIVES NIH GRANT TO STUDY RIBOSOMAL PROTEINS

MISSOULA--

Walter Hill, professor of chemistry at the University of Montana, has received a grant of \$73,663 from the National Institutes of Health to continue his study of ribosomal proteins.

He is doing basic research, but his findings could have spin-offs of practical application in disease control.

"Ribosomes are the site of protein production and the place where the synthesis of proteins may be turned on or off," Hill said. "For example, many antibiotics work at the ribosomal level by keeping the ribosome from making certain proteins. Knowledge of the physical characteristics of ribosomal proteins and how they are made would be useful to scientists concerned with disease control."

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