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******Hybrid cells are aiding in
studies of how genes regulate
biochemical processes.*

DALLAS--A Dallas medical scientist is using cells fused from mouse and man in an effort to learn how genes regulate a number of life functions.

Dr. Arthur Bollon, assistant professor of Biochemistry at The University of Texas Health Science Center at Dallas, is performing the research work under a \$52,518 grant from the American Cancer Society.

It is suspected that some proteins associated with chromosomes are able to turn the operation of some genes on or off and Dr. Bollon will try to find out how with the new fused cells.

"These cell hybrids have revolutionized the study of human genetics," said Dr. Bollon, adding it is now possible to directly map human genes, thereby complimenting linkage studies with genetic defects.

One advantage, he said, is that the research work can be done with colonies of cells in a test tube.

An understanding of genetic regulation in cells might possibly provide a weapon against the uncontrolled growth of cancer tissue.

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