

Scientists Kill Cancer With Virus in Animals

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NEW YORK, May 10.—(AP)—The prospects of someday killing cancers with virus diseases are brightening.

Three research teams today reported test tube and animal experiment using viruses to strike cancer cells. This work is still in the laboratory stage, with no application yet to human cancers.

Injections of the virus causing Newcastle disease in chickens killed one kind of tumor in mice, with no damage to the animal itself, Drs. Alfred

M. Prince and Harold S. Ginsberg of Western Reserve University, Cleveland, reported to the Society of American Bacteriologists.

A virus causing a respiratory ailment gave similar results in preventing or suppressing another form of mouse cancer, said Drs. Alan Bernstein, Lila Pope and M. Michael Sigel, United States Public Health Service laboratory, Montgomery, Ala.

Cowpox virus has a greater ability in test tube experiments

to destroy certain types of cancer cells than non-cancerous cells, added Dr. R. F. Haff and H. E. Swim of Western Reserve.

Other viruses are known to be able to destroy cancer cells. Much of the research is aimed at learning how they do it. There is some evidence that the cancer cells are destroyed during competition with the viruses for essential food materials.

Various types of molds and mold extracts also show ability to destroy some kind of tumors in mice, reported Dr. Z. T. Mankowski of the Lankenau Hospital, Philadelphia.

In another line of research, Drs. Isabel M. Mountain, Katherine Sprunt and Hattie E. Alexander of Columbia University said that anti-serum obtained from animals which had been

injected with human cancer cells could kill that kind of cancer cells in test tubes.