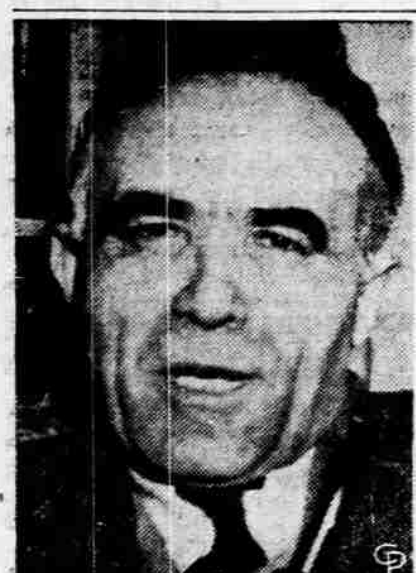


Cancer-Causing Agent Found in Burning Cigarette Paper, Scientist Tells Cohorts



FACING dismissal from U. S. post as security risk, Wolf Ladjinsky, Russian-born agricultural expert, is center of controversy in capital. (International)

Berkeley, Calif. — (U.P.) — Two cancer experts have issued reports on laboratory tests conducted to determine if there is any relationship between cancer and the tars and smoke produced by burning cigarette paper.

Their views were expressed yesterday during a chemistry meeting of the American Association for the Advancement of Science.

Dr. D. V. Lefemine of the Miami Cancer Research Institute reported he had burned the paper from 1000 king-sized cigarettes and isolated large amounts of a cancer causing agent known as benzpyrene. This substance caused cancer in laboratory animals.

Lefemine said the amounts of the compound in the tobacco itself was "negligible."

Lefemine said he and his colleagues are now trying to discover the possible cancerous effect of benzpyrene on human lung tissue grown in the laboratory.

Dr. Paul Kotin, of the University of Southern California Medical School immediately challenged Lefemine's report.

"The relation between the Miami laboratory tests and the actual burning of cigarette paper in normal human smoking is so remote as to make it incapable of comparison with human experience," Kotin said.

Kotin, noted for his studies of the effect of smog and other air pollutants on lung cancer, described a long study of the cancer producing effect on tars and paper and the atmosphere.

"We have compared the potency of tars from cigarette tobacco and paper with that of tars collected from the atmosphere," Kotin said.

Milligram for milligram, the

atmosphere tars are 700 to 800 times more potent carcinogens (cancer producers)."

At the end of the discussion, Lefemine admitted that his Miami studies represent "a purely chemical experiment, and do not establish any relationship between smoking and cancer."

In another paper, Dr. Otto E. Lobstein and Dr. S. I. Dulkin of the Chem-Tech Laboratories, Beverly Hills, Calif., told how they "cured" or retarded the growth of certain tumors in mice through the use of a chemical called lysozyme.

They said in half the cases, the cancerous growths, known as lymphosarcomas, apparently disappeared and the mice were thereafter immune to cancer, provided they were treated early enough.

In the other half, the growth of the cancerous tissue was considerably retarded.

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Texas Hunters, Ranchers in Wild Gun Fight

Jasper, Tex. — (U.P.) — "Bad blood" between Texas ranchers and hunters who defy legal seasons and "posted" signs was blamed today for a furious eight-man gun battle reminiscent of the Old West.

One hunter was killed in the gunfight that erupted Christmas day between six hunters and two ranchers. Both of the ranchers and a second hunter were wounded.

The battle apparently began when a hunter accused a rancher of shooting a dog. But the body of the dog has not been found and a hound was seen wandering out of the woods yesterday.

A verdict of murder was returned by Justice of the Peace Thomas Burch in the death of

the hunter, Roy Muench, 51, Port Arthur, Tex. No murder charge was filed immediately, however, because sheriff's still must determine who fired the fatal shot.

Four of the hunters were arrested and charged with assault with intent to kill the ranchers.

After the fiery free for all in a wooded area of "big thicket" country in East Texas, sheriff's officers confiscated nine guns, including six high-powered 30-30 rifles and three shotguns. More than 30 empty shells littered the area.

The battle was staged along a country lane between Jasper and Brownell, about 100 yards from a boundary line of a 15,000-acre cattle ranch operated by two

brothers, Dalphene and Sterling Garlington.

The site looked "like a battleground," Deputy Sheriff Wayne Pullen reported. "Bushes were shot away, trees were hit and there was blood all over the road."

The six hunters involved in the gunbattle were Muench, Clarence Willingham, his son-in-law; Travis Ellis from Brownell; her brother, Charles Ellis, an Army corporal on leave from Fort Hood, Tex.; Richard Morris and Gerald Sanford, both from Jasper. They had been hunting in the area of the Garlington ranch Christmas eve.

Pullen said they returned on Christmas day to look for a lost dog and encountered the Garlington brothers, who were armed.

The deputy said Muench accused the ranchers of shooting his dog. Tempers flared, the men raced to cover and shot it out for several minutes. Muench apparently had left his gun near the hunters' parked car and received a fatal bullet in the body when he lunged for his weapon, Pullen said.

Charles Ellis and Willingham, both of whom admitted they took part in the gun battle, were charged along with Morris and Sanford with assault with intent to murder the Garlington brothers, both of whom were wounded. Travis Ellis, a hunter, was the third man wounded in the fight.



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