state

Bullet' aimed

at blood clots

Battalion/Page 7 November 18, 1982

## Wood trial witness talks time

## United Press International e group. DALLAS — Genetic en-ter. meers say they have discovered estion that is elusive "intelligent bullet," that it on enzyme capable of finding arce," he and destroying blood clots.

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The enzyme, called a plasmiwhich we ogen activator, energizes blood andedhalls to dissolve the clotting, if ated sine aterial fibrin. Such clotting, if

gned in accessive or prolonged, could dorsome ad to paralysis or death. Duld betak "It this appears to be an in-facilities alligent bullet enzyme," Ken-explosine ath Mann, a Mayo Clinic blood ne have pecialist at the American Heart sociation's Scientific Sessions

> He called the discovery "a or breakthrough."

The enzyme was unveiled nesday by Belgium biolognd genetic engineer Desiree len. It surpasses the ability of urally occurring clot-fighting nts which are bacterial in oribut cannot precisely locate

With this newest enzyme we be more precise," Collen d. "The enzyme locates itself dents, some where a physical clot has pesosin

pessimation where a physical clot has ause of morned. value of "In the past 20 years, phar-se substanceuticals have been designed y when the reduce the thrombosis (clotige the p

ting in blood vessels). Now in comes an enzyme that can get directly at the fibrin.'

In a related matter, scientists have artificially cloned genes and placed them in bacterial settings to create a clotting byproduct. The new agent would be used in treating such traditional

bleeder diseases as hemophilia. "We are trying to create in the laboratory ways to help the hemophilia sufferer," Earl Davie, a University of Washing-

ton biochemist said. These developments were enhanced by research into the use of a substance called protein-C, which helps the body's natural

bloodstream. "We find that protein-C has been a very effective supple-ment" to other forms of anticlotting therapy, Charles Esmon, an Oklahoma medical research protein specialist said.

"Most of our applications are strictly theoretical at this point, but as we move into the realm of diganoses, we should be able to identitfy patients with recurrent thrombosis and note the level of protein-C in their system," he

## flights that day."

United Press International SAN ANTONIO — Slaying suspect Charles Harrelson could have been back in Dallas shortly after 10 a.m. by taking a plane flight out of San Antonio the morning Federal Judge John H. Wood Jr. was killed in 1979, testimony Wednesday indicated.

Wood was shot outside his apartment at 8:40 a.m. on May 29. A Southwest Airlines flight left San Antonio at 9:08 a.m. that day and arrived in Dallas at 10:02 a.m. But apparently the FBI never proved that Harrelson or any other suspect in Wood's death was on the flight.

"I was interested in all flights leaving San Antonio after the judge's death," FBI agent Pat-

rick McCormick testified Wednesday. "We determined ability to wash clots from the the origin and destination of any

The FBI checked the passenger list and interviewed airline employees to try to determine

who was on the flight, McCormick said. But objections stopped McCormick from answering further questions.

The prosecution did not mention in its five-week presentation how Harrelson returned to Dallas. Witnesses for the defense have said they saw Harrelson in Dallas as early as 9:30 to 10:15 a.m.

Harrelson has always maintained he was asleep in his Dallas apartment when Wood was killed 275 miles away.

A convicted murderer Tuesday testified Harrelson was not one of two men he saw standing sure wheth harrelson.

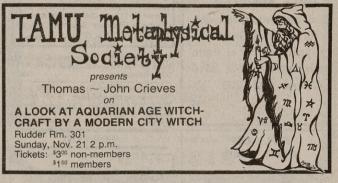
night before Wood was killed but later hedged under cross examination on his testimony.

Harrelson, one of three suspects on trial in the Wood slaying, is accused of shooting the judge for a \$250,000 payoff from Las Vegas gambler Jimmy Chagra who had a narcotics smuggling trial pending before Wood.

In a surprise appearance, Charles Foster, 31, first testified neither of the two men he saw standing beside a taxi stand in the driveway of Chateaux Dijon Townhomes was Harrelson.

But later under cross-examination by Assistant U.S. Attorney Ray Jahn, Foster admitted he could not remember the men's faces and was not sure whether one of them was

"You can't say whether he was or he wasn't (there), can you?" asked Assistant U.S. Attorney nefit of the doubt," Foster said.







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