Synthetically-Produced Compound May Help Solve Cancer Mysteries

After more than a year of experimentation, a chemical compound produced synthetically is ready which may help solve major mysteries about cancer, a Veterans Administration spokesman said today.

The experimentation was done at the Dallas VA Hospital and has produced a glyco-lipid called Cytolipin H. After first tests, it appears to be identical to a naturally-occurring chemical detected in high concentration in most human cancer cells.

The VA said the synthetic will give cancer researchers a new and vital tool to make wider and more detailed investigation into cancer mysteries.

Portland Referral

Use of the synthetic at the VA Hospital, Roseburg, is uncertain at this time, it was explained, since most of the work done here is with psychiatric patients. Those having cancer complications would be sent to the VA in Portland, it was noted.

Since reporting his success to the American Society for Cancer Research at Atlantic City, N. J., Dr. Alfred C. Schram, the VA biochemist who solved the riddle, has refined and improved the manufacturing process.

"Being able to produce this compound in the laboratory is important because it offers a new approach to learning what makes a cancer cell a cancer cell and perhaps to help explain why cancers kill people," Dr Schram said.

Aids Immunity

Furthermore, he explained, Cytolipin H has some association with the production of antibodies, cancer-fighting substances in the blood, and the synthetic undoubtedly will speed investigation of natural immunology against cancer, particularly development of possible vaccines.

If the synthetic eventually proves to be an isomer of Cytolipin H, it offers research possibilities Schram added.

Synthesis of a small amount of the chemical is a complicated month-long process and relatively expensive, according to Dr. Schram. For example, one of the starting materials costs $200 a gram. Largest amount recovered in crystal form from one operation so far has been one and one-half milligrams, or about one-thousandth of starting material.

Analysis Possible

This is more than sifficient for research purposes because of micro-techniques perfected at the Dallas VA Hospital. With an infra-red spectrophotometer, Dr. Schram said, a complete analysis can be obtained from vie-millionths of a gram.

Traces of Cytolipi H can be detected in normal tissues—about 500 pounds of beef spleen will yield about one gram—but it is the high concentration in cancer cells that has excited investigators.

Musical Message

Answer to Previous Puzzle

ACROSS

1 It's a musical "grand old name"
5 Singing Doris
8 Musical passage
12 Medley
13 —— Maria
14 Harem rooms
15 Kind of flower
16 Soak
17 Skating place
18 More precipitous
20 British princess' namesakes
21 Boy
22 Falsehood
23 Gloss
26 Headgear makers
30 It's used playing musical instruments
31 Deprivation
32 Cistern
33 Aged
34 Musical assignment
35 Musical "King"
36 Cowboy music
38 Repose
39 Owned
40 Sioux City girl
41 Pattern
44 Reparation
48 Plant
49 Writing tool
50 Popular song
51 Bass or tenor
52 Donkey
53 Always
54 Malt beverages
55 Kind of dance
56 Birds

DOWN

1 Cuts grass
2 Landed
3 Irritate
4 Made Swiss music
5 Ventured
6 State
7 Still
8 Music maker
9 Norse god
10 Hamlet was one
11 Inquires
19 Tin —— Alley
20 Small islands
22 "—— Rose of Summer"
23 Musical stage performance
24 Healthy
25 Finishes
26 French ——
27 Cry of bacchanals
28 Chest rattle
29 Pace
31 Animal fat
34 Bell tone
35 Scoured
37 Musical topics
38 Solar disk
40 Feel
41 Parent
42 Spoken
43 Valley
44 Mexican money
45 New star
46 Hint (var.)
47 Hearing organs
49 Singer Boone

NEWSPAPER ENTERPRISE ASSN.

FROM NINE TO FIVE — By Joe Fischer

"Well, Hysteria, I can't honestly say it looks good on you . . . but you certainly don't look any worse than usual."

In The Armed SERVICES

Charles K. Ridenour, Army Pvt., son of Mr. and Mrs. Eugene Ridenour, formerly of Roseburg, has completed the lineman's course at the southeastern signal school Fort Gordon, Ga. His wife, Victoria, lives at 348 SE Jackson, Roseburg.

Sylvan G. Lor,, airman second, Roseburg, is presently on duty with the Oregon Air National Guard during its annual field training at the Portland International Airport home base. He is attached with the 142nd Air Base Squadron.

Robert K. Shafer, electronics technician seaman, USN, son of Mr. and Mrs. Thomas A. Shafer, Myrtle Creek, is presently serving on the radar picket destroyer USS Ernest G. Small out of San Diego, Calif.

Don L. Baker, airman second, Roseburg, is presently serving with the Air Force in Korea.

Richard Lee Meredith, son of Mr. and Mrs. W. B. Meredith, Roseburg, attending Oregon State College, is undergoing six weeks of intensive training at Fort Sill, Oklahoma in ROTC.

Merle B. Blankenship, machinist's mate third class, USN, son of Mr. and Mrs. Alfred Blankenship, Myrtle Creek, is stationed aboard the aircraft carrier USS Shangri-La.

Brian Pargeter, FTSN, U.S. Navy, has been transferred from aboard the USS Ponchotoula at Pearl Harbor to the USS Pyro, an ammunition ship, stationed at Hunters Point near San Francisco. He is the son of Mr. and Mrs. T. H. Pargeter of Melrose.

Chester W. Carroll, Marine PFC., son of Mr. and Mrs. Chester G. Carroll of sutherlin, completed a five-week aviation electronics operators course at the Marine Corps Recruit Depot at San Diego, California.

Donald R. Leinonen, aviation electronics technician, second class, USN, son of Mr. and Mrs. Arvo M. Leinonen of Winston, is presently serving with Attack Squadron 146, Miramar, Calif.

David V. Stine, Marine Pfc., son of Mr. and Mrs. D. C. Stine of Winston, has completed a five-week aviation electronics operators course at the Marine Corps Recruit Depot at San Diego, Calif.

Wendell K. Sproul, SA, USN, son of Mrs. Shiela F. Carew of Winston, is presently serving aboard the carrier USS Hornet.

Alvin L. Butler, Oregon State College, son of Mr. and Mrs. Alvin L. Butler, Roseburg, has arrived at Fort Sills, Oklahoma for six weeks of intensive training as a future artillery officer.

Loren L. McClure, Oregon State College, son of Mr. and Mrs. George W. McClure, Idleyld Park, has arrived at Fort Sill, Oklahoma for six weeks of intensive training as a future artillery officer.

Allen J. Bailey, RDSA, USN, son of Mr. and Mrs. William Bailey, Winston, participated in a six-day goodwill cruise to Canada aboard the ship USS Scanner.

Warren F. Slayton, fireman apprentice, USN, son of Mr. and Mrs. Henry G. Slayton of Sutherlin, is presently serving aboard the USS Interceptor.

Milton D. Gigear, electronics technician second class, USN, son of Mr. and Mrs. Milton Gigear of Sutherlin, is presently serving aboard the destroyer USS Cowell.

Boivin Has Plan For Fast Time Vote

BEND (AP)—Acting Gov. Harry Boivin, D-Klamath Falls, said today he has a plan that would allow the state to vote next spring on whether to have statewide daylight saving time.

Boivin told the Chamber of Commerce he wants to call the Oregon Senate together for a one-day meeting, pass a bill calling for the vote, then adjourn. A majority of the Senate has agreed to the meeting, he said.

If the state House of Representatives will follow suit, the DST question can be put on the ballot in next May's primary election, he said.

The question is scheduled for a statewide vote in November, 1962. A number of persons have objected that will mean another summer of confusion over time.

Only the legislature, however, can advance the vote to next May.

"By setting up the vote next year, we would be giving the people a chance to decide what time they really want next summer," Boivin said.

He added that the vote would be on whether to adopt DST statewide. If it is rejected, the Portland area still can go on DST, as it did this year, because enabling legislation passed in the recent session, still would be in effect, Boivin said.

ILL AND UNAVAILABLE

NEW YORK (AP)—The June bulletin of the New York State Athletic Commission listed the names of 24 boxers as "ill and unavailable." The commission ruling was the result of May bouts in which most of the boxers suffered knockouts or lacerations.

Student Visits Glendale Home

By MRS. G. B. FOX

Brock Lewis, a student at Miracle Valley Christian College in Albion, Idaho, is spending his summer vacation with his parents, Mr. and Mrs. Asa Lewis of Glendale.

Employed At Mill

Troy Reynolds, son of Mr. and Mrs. Walt Reynolds of Glendale, is spending the summer working at the Round Prairie Mill near Dillard. He is a student at Southern Oregon College at Ashland.

Mrs. H. M. Alleman of Los Angeles, Calif., arrived at Medford by air to spend a few days visiting with her daughter, Mrs. Tom Johns, of Glendale and family.

Mr. and Mrs. Clarence Ward of Klamath, Calif., former Glendale residents, are visiting at the Sam Phillips home in Glendale. Mrs. Phillips and Mrs. Ward are sisters.

Martin Brooks Jr., son of Mr. and Mrs. Martin Brooks of Glendale, is working in a Corvallis grocery store while attending summer school there. Brooks, who will be a senior next year, was dormitory councilor for the last term in his junior year and will have a similar position next year.

Woman Improves

Mrs. Walter Smith of Central Point, a former resident of Azalea and Canyonville, has been seriously ill in the Forest Glen Hospital at Canyonville since June 20. Friends report that she is now somewhat improved. Her daughter, Mrs. Darrell (Karen) Walker of Portland spent several days visiting her mother and staying at the home of friends.Mr. and Mrs. Ray Buchanan of Azalea.

Mr. and Mrs. Angus Cripps of Azalea was recently visited by her mother, Mrs. Mary Coyle, and her nephew, Ricky Bush, both of Sacramento, Calif.

Leon Smith, 16, son of Mr. and Mrs. Harrison Smith of Azalea, underwent an emergency appendectomy at the Forest Glen Hospital at Canyonville last week.

Oaklander Rents Home, Moves To California

John Anglin has rented his residence east of Oakland to Mr. and Mrs. Archie Hutchins. Anglin is moving to Oroville, Calif., to make his home, reports Edith Dunn, correspondent.

Mrs. Wendell Truitt has been discharged from the hospital and she and her husband have gone to Bend where it is hoped her health will be improved by the change of climate.

Mrs. Mary Bennet has returned to Oakland after visiting at Madras. A friend, Mrs. Cason, returned home with her but will go back to Madras because of illness.

The Oakland Cafe has been sold by Mr. and Mrs. Richard Wright to Mrs. Fern Wagner of Oakland.

Mr. and Mrs. Paul Schulze Sr. of Newport have been visiting their son and daughter-in-law, Mr. and Mrs. Paul Schulze Jr.

BIRTHS

Douglas Community Hospital

SANDERS — to Mr. and Mrs. Arvil N. Sanders, Box 714 Sutherlin, June 21, a daughter, Janet Eileen; weight 7 pounds 8¾ ounces.

JARVIS — to Mr. and Mrs. Lundy F. Jarvis, 1617 Eddy, Rosebur June 21, a daughter, Sheryl Ann; weight 5 pounds 6½ ounces.

GADDY — To Mr. and Mrs. George W. Gaddy, Rt. 3, Box 1725, Roseburg, June 22, a daughter, Carol Ann; weight 8 pounds 13½ ounces.

DORSEY — To Mr. and Mrs. Virgil L. Dorsey, Star Route, Winston, June 22, a son, Christopher Alan; weight 6 pounds 12½ ounces.

DAVIS — To Mr. and Mrs. Alvin R. Davis, 563 Center, Roseburg, June 22, a son, James Richard; weight 6 pounds 9¾ ounces.

SCOTT — To Mr. and Mrs. Edward E. Scott, 4811 Stephens, Roseburg, June 22, a daughter, Brenda Diana; weight 7 pounds 13½ ounces.

SCHLACHT — To Mr. and Mrs. Carl F. Schlacht, 301 Tower, Sutherlin, June 23, a daughter, Deanna Kay ; weight 7 pounds ¾ ounces.

BLEHM — To Mr. and Mrs. Richard D. Blehm, 1679 Harvey Court, Roseburg, June 23, a daughter, Dena Kay; weight 5 pounds 11¼ ounces.

SAMSON — To Mr. and Mrs. Ray D. Samson, Rt. 1 Box 26, Sutherlin, June 24, a son, Charlie Rodney; weight 7 pounds 11¼ ounces.

BROADWATER — To Mr. and Mrs. Virgil L. Broadwater, 1749 Cobb, Roseburg, June 25, a daughter, Dawn Marie; weight 8 pounds 8½ ounces.

WILLIAMS — To Mr. and Mrs. David R. Williams, 1428 Freemont, Roseburg, June 25, a daughter, Deborah JoAnn; weight 7 pounds 10½ ounces.

MOONEY — To Mr. and Mrs. J. D. Mooney, Box 100 Wilbur, June 25, a daughter, Charlotte Faye; weight 8 pounds 4 ounces.

STICKNEY — To Mr. and Mrs. Iven C. Stickney Jr., 1529 Hamilton, Roseburg, June 26, a son, Scott Eugene; weight 7 pounds 13½ ounces.

KEITZMAN — To Mr. and Mrs. James V. Keitzman, 2190 Stephens, Roseburg, June 26, a daughter, Jeanne Maree; weight 6 pounds 8 ounces.

SWALLING — To Mr. and Mrs. Ralph S. Swalling, 843 Fairhaven, Roseburg, June 27, a son, Craig Edwin; weight 8 pounds 1½ ounces.

Lucky Waits Naming Of Successor To Job

PORTLAND (AP)—C. E. Luckey doesn't plan to leave his post as U. S. attorney for Oregon just yet.

Luckey was supposed to take over as U. S. referee in bankruptcy at Eugene today. But he said U. S. Dist. Judge Gus Solomon asked him to stay in Portland "because we have to have a U. S. attorney in the office."

Sidney M. Lezak, Portland, has been nominated to succeed Luckey, but the Senate has not confirmed the appointment.

STILL KNOWS HOW—Mrs. Elmer Harper, at her 100th birthday anniversary party in Seattle, shows how she handled a six-shooter on a Montana ranch some 80 years ago. Mrs. Harper, known as Aunt Josie, was a Seattle area deputy sheriff in the early 1900s.

FOAM—AND SAFELY HOME—When a nose gear sticks on a $4 million plane, that's T-R-O-U-B-L-E. It happened to a jet tanker over Altus Air Force Base, Okla. Firemen quickly covered runway, photo at left, with foam normally used to fight aircraft fires. Foam reduces friction between runway and metal plane, reduces chance of fire. Pilot nosed down into foam and slid to stop, photo at right. Crew made quick exit from cockpit on escape ropes dangling from fuselage. Firefighters stand by just in case. Damage toll in the accident—only $100.

PEANUTS

PRICILLA'S POP

CAPT EASY

ALLEY OOP

FRECKLES

LITTLE ABNER

BLONDIE