

# Salk Anti-Polio Vaccine Seen Powerful Weapon for Future Conquest of Disease

By DELOS SMITH  
United Press Science Editor

New York — (U.P.) — The best expectation of a public health "general," newly armed with a powerful weapon against disease, is to do in the enemy not this year nor next year but only "in time."

The enemy is polio, the weapon is the Salk anti-polio vaccine, and the general is Dr. Morris Greenberg, director of the Bureau of Preventable Diseases of the New York City Department of Health.

Continuous War  
He is field commander in one of the world's largest theaters of man's continuous war upon diseases. His responsibility is to prevent all the disease that's preventable among 8,115,000 human beings living in close proximity to one another—and to one another's viruses.

There's the rub—those three types of viruses which cause polio. From the standpoint of the collective health of masses of people, it is not enough to disarm viruses into harmlessness with a vaccine. Somehow you've got to reduce the "pool" of circulating viruses to just about the vanishing point before you can be sure of victory.

Immediate Objective  
Dr. Greenberg's immediate objective is to get at least 70 per cent of the 2,215,000 most susceptible New Yorkers, those under 20, vaccinated as quickly as possible, by mid-summer if he can. He figured that will dramatically reduce this year's polio

cases, which average 700 annually. There will be no let-up in the vaccinating, of course. The 70 per cent will be made to mount toward 100 per cent, and the least susceptible ages will be brought into the program. Well over half the city's population will have polio-immunization within a few years.

That's preventing the disease without necessarily reducing the "pool" of circulating viruses. Eliminating this "pool" is something you can do only "in time," Dr. Greenberg said. How long this "time" will be, depends upon what the Salk vaccine does to the "environment" inside the human body.

There it produces antibodies against polio viruses, but in the bloodstream. Polio viruses get into the gastro-intestinal tract before they enter the blood stream. To have antibodies that keep them out of the blood will prevent them from causing paralytic polio but anti-bodies won't prevent viruses from entering human bodies, multiplying therein, and being excreted back into the big outside world.

Unwitting Incubator  
Thus, any given person can be immune to paralytic polio and at the same time be the unwitting incubator in which polio viruses multiply. But the chances are, Dr. Greenberg said, mass vaccinations over a long period will so change the internal environment that this will no longer be so for most people.

The few for whom it remains so, will be polio Polly and they will be identified and supervised as "typhoid Marys" are now. These latter are persons who are immune to typhoid fever themselves but are "carriers" of the infecting agent. Dr. Greenberg pointed out that in New York their numbers have dropped from 600 to less than 400 in 20 years. The old "carriers" are dying out;

DOUBLECHECK  
Omaha, Neb. — (U.P.) — Police Chief Harry Green ordered his squad captains to get more inquisitive about names and addresses of criminal suspects after an embarrassing check on gambling violators. Several of the suspects gave phony addresses. One address checked was a comfort station in a city park.

In 1900, California's proportion of the United States population was 1.95 per cent; in 1953 it was 7.6 per cent.

## 7 New Members Join Kiwanis Club; Trip Report Given

Seven new members were inducted formally into Medford Kiwanis club at the club's Wednesday luncheon meeting. They were Vernon Thorpe, George Ketchum, Tom Anderson, George Johnston, Clifton Lacy, Gordon McKenzie and Dr. William Bracker.

E. Ronald Rice, a past president of the club, gave the induction talk.

In other portions of the program at the meeting at Rogue Valley Country club, the Rev. Willis Loar showed colored slides of the Kiwanis Easter egg hunt and Jennings Pierce reported on the visitation by members of the Medford club to the Downtown Portland club on Tuesday.

Present Program  
The Medford men, who made the trip to Portland by United Air lines, presented the program. Pierce was speaker and Irv Mirick, Jack Walker, Bob Church, Abby Green, Ray Johnson and Dr. Milo Kubalek were members of a band which entertained the Portlanders. Others in Portland were Club President John Dellenback, William Peek, E. K. Peterson, O. H. Bengtson, the Rev. George Bolster, Boyd Budge, Lou Cranston, George Ketchum, Jack Moreland, Bob Reitor and Tom Shepard.

Guests at the Wednesday luncheon here were Ken Cook, manager of the United Air lines office, and Barbara Temple and Jim Wise, who rode and pulled the Kiwanis float, respectively, in the pear blossom festival parade.

NO WONDER  
Decatur, Ill. — (U.P.) — Paul J. Fields found a package notice in his postoffice box, but a post office employee couldn't locate the package. Finally, the parcel was found on the loading dock outside the building. It was easy to understand why it was there. It contained \$8 worth of aromatic German hand cheese, Roquefort and Camembert.

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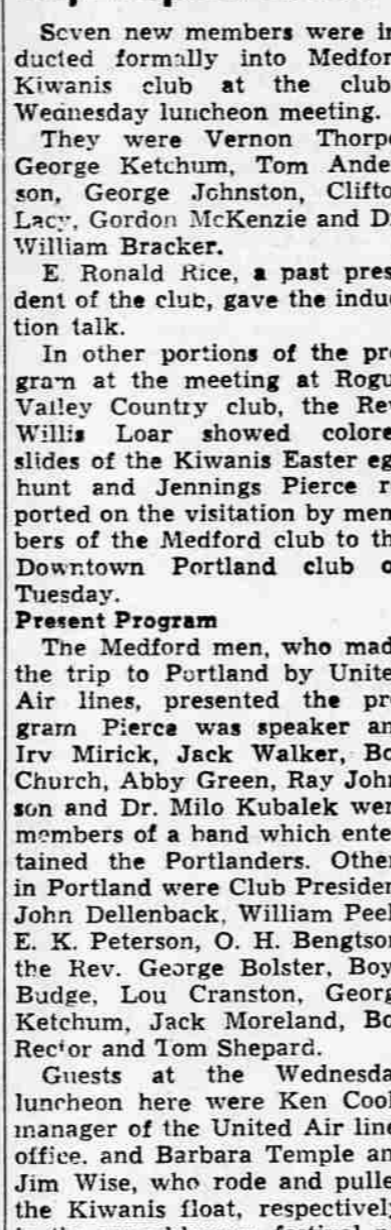
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### STAR GAZER

By CLAY R. POLLAN  
Your Daily Activity Guide According to the Stars.

To develop message for Friday, read words corresponding to numbers of your Zodiac birth sign.

ARIES	MAR. 22	1 Work	31 Of	61 Your
TAURUS	APR. 21	2 Unusual	32 Best	62 Sick
MAY 21	3 Up	33 If	63 Person	63 Person
JUNE 21	4 There's	34 For	64 Best	64 Best
JULY 21	5 Avoid	35 Be	65 Enjoyable	65 Enjoyable
AUG 21	6 Obstruction	36 Ideas	66 Satisfaction	66 Satisfaction
SEPT. 21	7 Some	37 Ideas	67 Increase	67 Increase
OCT. 21	8 Curb	38 And	68 People	68 People
NOV. 21	9 Romantic	39 Learn	69 Say	69 Say
DEC. 21	10 Day	40 With	70 "NO"	70 "NO"
JAN. 21	11 New	41 You	71 And	71 And
FEB. 21	12 Of	42 For	72 Profit	72 Profit
MAR. 21	13 You	43 To	73 Grant	73 Grant
APR. 21	14 Mixing	44 From	74 Opposition	74 Opposition
MAY 21	15 Places	45 Prove	75 Connected	75 Connected
JUNE 21	16 Ambitious	46 Visits	76 Your	76 Your
JULY 21	17 Some	47 Pleasure	77 Emphatically	77 Emphatically
AUG 21	18 Sort	48 Kind	78 Entertaining	78 Entertaining
SEPT. 21	19 Your	49 One	79 Temper	79 Temper
OCT. 21	20 Impatience	50 Friendship	80 Calm	80 Calm
NOV. 21	21 Money	51 Day	81 Money	81 Money
DEC. 21	22 Shy	52 Of	82 Accent	82 Accent
JAN. 22	23 Ideal	53 Right	83 Doys	83 Doys
FEB. 22	24 Pool	54 Disputes	84 Finances	84 Finances
MAR. 22	25 Away	55 Especially	85 No	85 No
APR. 22	26 Should	56 Keep	86 Social	86 Social
MAY 22	27 Your	57 Personal	87 With	87 With
JUNE 22	28 You	58 To	88 Prestige	88 Prestige
JULY 22	29 Must	59 Your	89 Work	89 Work
AUG 22	30 And	60 Encounter	90 Favors	90 Favors

Good Adverse Neutral

## Bills in Legislature

Salem — (U.P.) — The Senate Means Committee on bills providing salary increases for justices of the State Supreme Court and circuit judges.

The committee tabled a bill which provided increases for district attorneys and their deputies. It was brought out that the Legislature already has approved a bill authorizing the county courts to use their own funds in augmenting the state appropriations covering salaries of district attorneys and their deputies.

Salem — (U.P.) — The Senate has approved a measure for licensing and regulation of bill-boards on Oregon highways. It now goes back to the House for consideration of Senate amendments.

YOUNG FARMERS  
Minneapolis — (U.P.) — The nation's top young farmers will gather here June 1-3 for the first annual outstanding young farmers award program. The program is co-sponsored nationally by the Junior Chamber of Commerce and the American Petroleum Institute. Four winners will be announced at an awards banquet June 2.

Salem — (U.P.) — A "do not pass" recommendation has been made by the Joint Ways and

### Ticking Sound Gives Scare in Bomb Probe

Portland — (U.P.) (U.P.) Detective Sgt. Bill Hoff had a few anxious moments Tuesday while investigating a bomb scare "hoax" at Washington high school here.

A teacher told him of a ticking sound in the band room. Hoff entered and heard the ticking. It seemed to come from some band instrument case. He approached with caution.

Investigation showed it came from the room below from a machine which regulates the furnace.

### OLD SPECS

Marion, Ind. — (U.P.) — A pair of bifocals believed to be 100 years old was discovered buried beneath 20 inches of dirt here when a foundation was dug for a garage. They were in perfect condition.

### GRANGE

Upper Rogue Grange  
The regular meeting of Upper Rogue Grange was held in the Grange hall April 21 with Master Herb Carlton presiding.

H.E.C. Chairman Dorothy Tockstein reported the Easter ham dinner was very successful. Starting with the first meeting in May Grange will open at 8:30 p.m. during the summer months.

As this was the social night everyone wore a funny hat, the prize going to Dorothy Tockstein and Georgia Grieve.

Next meeting will be on May 5. Eagle Point Grange will be our host and ladies of Upper Rogue Grange are asked to bring either sandwiches or cookies.

The New York conservation department burned three tons of feathers in 1951 to comply with a law making it illegal to use the plumage of wild birds for millinery.

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