

A Day In Dr.Salk's Laboratory



The man who helped conquer one of the world's greatest scourges—polio—continues to wage war on disease.

In a neat, well-equipped laboratory at the University of Pittsburgh where he developed the anti-polio vaccine, Dr. Jonas E. Salk is finding life somewhat more calm than in the early days of his great discovery. But the calm is deceptive, for in the former Municipal Hospital Building now owned by the university and to be named Jonas E. Salk Hall research moves steadily ahead.

There the 42-year-old scientist and his team continue virus studies under a March of Dimes grant and move into basic research problems involving investigations of cell growth and metabolism.

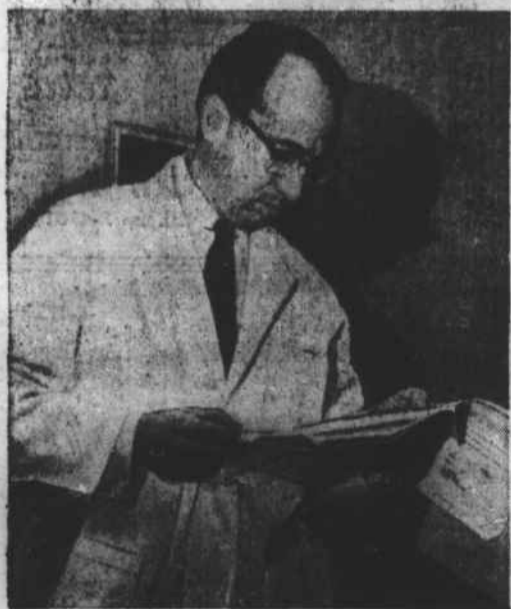
As virus laboratories go, Dr. Salk's is not particularly large. Actual laboratory equipment occupies a dozen rooms on several floors. The rooms are neat and orderly. Work goes on quietly. Dr. Salk arrives at his office early, works through a long day, often leaves long after his associates are gone. When he returns the following morning, his briefcase contains completed homework. "It would be a rare thing if I went home without a briefcase full of papers," he says.



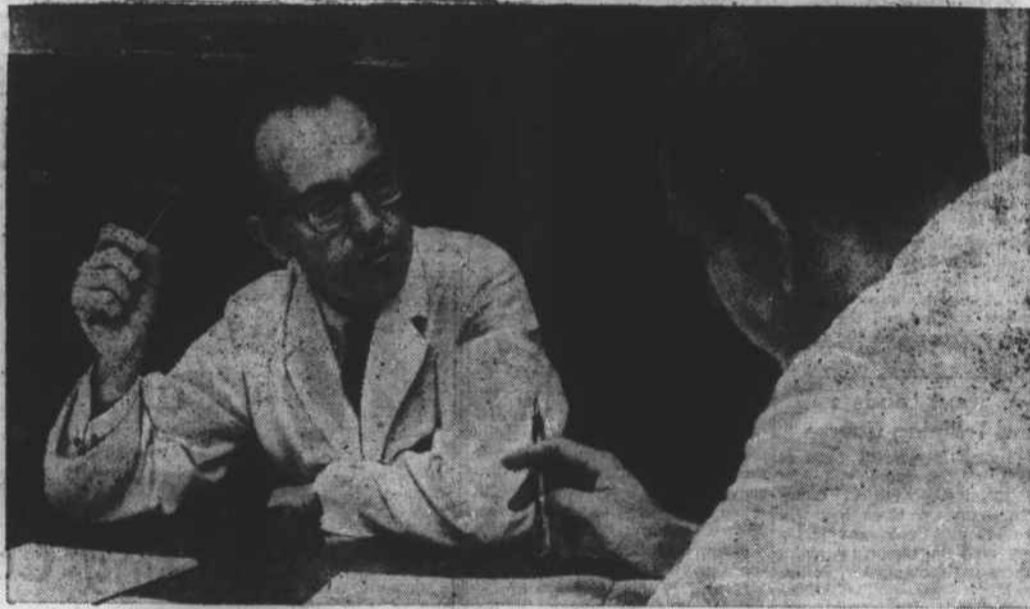
In laboratory room, Salk reads result of tests. Outcome is determined by varying colors of material in tubes, which can be seen in slanted mirror on rack. Research associate Abel Prinzle watches.



1. Wind whips tails of Dr. Salk's coat as he enters laboratory building in Pittsburgh.



2. Morning mail gets first attention. He reads letter from another virologist.



3. Day's work gets under way with discussion of new experiment between Salk and assistant Francis Yurochko. Here Salk makes point about proposed undertaking.



4. With assistant Lorraine Friedman, Salk goes over color slides to be shown at conference on living cells grown in laboratories.



7. Day at laboratory over. Salk leaves office. Briefcase contains papers he'll work on at home.



6. Salk tells research team result of experiment is "just beautiful." From left, Abel Prinzle, Donald Wegemer, Salk, and Elsie Ward.



5. In upstairs room, Salk examines chicks in brooder. They're used to test vaccine potency.

This week's picture show—AP Newsphotos