

THE ROCKEFELLE

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Please favor me with a reprint of the following item, which has come to my attention through Current Contents.

AU Bernstein, Barton J.

TI The Swine Flu Vaccination Campaign of 1976:

Politics, Science, and the Public

SD CONGRESS & THE PRESIDENCY V10, #1, p95

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CC 24/57

Thank you.

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bility to perfect its tools to lected empirically for having a higher standard, even while lost this propensity to travel, the best ones available are but we know nothing about distributed as widely as possi- the biochemical basis of the

Where vaccination is legal. Versus another, ly compulsory, as it is against an interesting question of appetite for brain. social policy. When a large fraction of the population is to understand dimly some of already vaccinated, the chain the ways in which virus genes of infection is broken-with interact with those of host people as well. If one in celts, which is obviously fundividual then refuses vaccina- damental to eventual knowl tion, he no longer exposes edge of these relationships. himself to very great risk, We also know that viruses but is exploiting his fellow of different strains can inter-citizens who have taken the trouble to be immunized.

their own reasons to refuse the possibility that harmless to participate in this kind of strains could cross-breed and social insurance; and if so, it might be perfectly reason. able to impose a special tax This kind of result is easily as an alternative contribution demonstrated in the laborato the general welfare.

ne tame strains used for cal research has a responsi- Sabin vaccine have been seviruses' tastes for one tissue

We are in a very poor posmallpox; or virtually so, as sition to predict what might against polio, we can observe happen to reawaken a virus's

However, we are beginning act with one another and pro-Some individuals may have duce new strains. This opens

so amnost unknown to the general public.

ALTHOUGH we should be avidly seeking new knowledge, there is a great deal we do know that is not now applied in practical vaccine production. We know how to purify viruses as chemical entities: but most vaccines are crude products harvested directly from infected cuttures. For example, there is no regulation that a vaccine be examined under an electron microscope for uniformity of its virus particles, or that it be analyzed for its nucleic acid composition or for the molecular weight of its particles. The routine application of similar techniques would have led to a much earlier detection of the SV-40 contamination of polio vaccines.

Cost is the main excuse for neglect. But cheap vaccines Sam H