

QUESTIONS TO BE ASKED OF A. SCHATZ PERTAINING
TO HIS CLAIM THAT HE PLAYED AN IMPORTANT
PART IN THE DISCOVERY OF STREPTOMYCIN

1. When were you appointed as assistant in the Department of Microbiology, Rutgers University?
2. How many months did you serve before joining the Army, and what were you concerned with in the laboratory?
3. Exactly when did you return from the Army?
4. What problem was assigned to you upon your return?
5. Were you familiar with all the work on antibiotics that was done in the Department of Microbiology before your return to the laboratory?
6. Were there any other assistants and graduate students working on antibiotics in the Department of Microbiology when you returned from the Army?
7. Where did the first streptomycin-producing culture of Streptomyces griseus, known as D-1 come from, and who isolated it?

8. When was the second culture of S. griseus, known as 18-16 isolated, following the first culture?
9. Could this culture, that was isolated 18 hours later not have come as a spore contaminant of the first culture?
10. Have you had anything to do with identifying and naming of the organism that produces streptomycin?
11. Do you know that this organism was first isolated in 1915, or before you were born, and that culture has recently been found to have had the capacity of producing streptomycin?
12. Did you have anything to do with the naming of streptomycin?
13. Did you have anything to do with the development of the method for the isolation of streptomycin from the culture medium?
14. Did you have anything to do with the development of the antibiotic spectrum whereby a new antibiotic could be recognized?
15. Were you the one to recognize that streptomycin is a new antibiotic different, let us say, from streptothricin?

16. Is it not true that without all the previous work done by Dr. Waksman and Dr. Woodruff on streptothricin, the significance of streptomycin would never have been recognized?

17. Did you have anything to do with the establishment of the toxicity of streptomycin or its in vivo activity, although your name was placed on that paper?

18. Is it not true that in all the work that you have done yourself on the problem of streptomycin that you followed in detail the day-by-day instructions given to you by Dr. Waksman?

19. Is it not true that Dr. Waksman was extremely liberal in giving his students all the possible credit in scientific publications for any problem that they participated in?

20. Did you, for example, have anything to do with the first comprehensive summary on streptomycin published in the American Journal of Pharmacy, although your name is attached to it?

21. Is it not true that in the study of the production, isolation, and evaluation of streptomycin, Dr. Waksman was assisted, in addition to yourself, by Miss E. Bugie, Miss H. C. Reilly, Miss D. Jones, and later by others, namely D. Johnstone, K. Temple, D. Harris and others, not to speak of the laboratory technicians such as Miss C. Wark, Miss D. Randolph, Mr. Cooper and others?

22. Did you have anything to do with the problem of production of streptomycin on a large scale?
23. Did you have anything to do with the evaluation of streptomycin clinically?
24. Did you have anything to do with the standardization of streptomycin?
25. Were you at all familiar, except what Dr. Waksman told you, with what was going on in the development of streptomycin?
26. Is it not true that when Dr. Waksman sent you as his personal representative to a Washington conference on streptomycin that you did not utter a single word throughout the whole proceeding? Is it not true when Dr. Waksman sent you to Detroit to the meetings of the Society of American Bacteriologists that you suddenly disappeared from the laboratory?
27. Frankly, Dr. Schatz, do you earnestly believe that you had much to do with the whole problem of the discovery of streptomycin and making it what it is to-day, except in assisting Dr. Waksman in isolating certain cultures, by methods that he has worked out, in testing such cultures by methods that he has worked out or suggested to you?
28. Do you not feel, Dr. Schatz, that Dr. Waksman, by attaching your name to 17 or 18 scientific papers, has given you far more credit than any person could accomplish in a period of time of about 3 years, when you were only a graduate student?