

Northern Regional Research  
Laboratory

Nov. 9, 1944

Dear Joshua:

I was happy to learn of your graduation and the well-deserved honors that went with it. Now that you are in medical school your work should be a little more interesting. Keep after those stuffy Profs to let you do the research work you have in mind. But don't try to solve too much at one time. When one is starting this research business it is sometimes a good idea to sacrifice a little in vastness in order to obtain a clear and definite result. But don't pay too much attention to what I say; I expect you to go a lot farther in research than I will. It is only that I think you have great possibilities and I would feel good if, in some small way, I could help you realize those possibilities by avoiding some of the

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usual mistakes. Send me your published papers as they appear so I can see how you are getting along.

I'm still working on that wonderful stuff.

There are already five of them, all isolated in the crystalline state - one of them by us. We know how they are related to one another structurally but we still do not know the structure for certain. My guess is that synthesis is a long way off. Certainly it will have no effect on penicillin production in this war. We are also looking for new anti-biotics active against the gram-negatives. It is all very interesting and I'm very happy here.

Please write again and tell me how things are going.

Sincerely,  
Frank Stoll