

Department of Biology

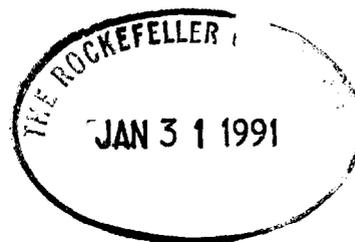
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Jan 22/91

Dear Josh,

Many thanks for your note regarding Darlene Ager's papers. I enclose copies of them together with two previous papers dealing with mutagen interactions with respect to cell killing. The Radiation Research papers are based on old data of mine for which I was never able to provide a satisfactory mathematical description until Darlene discovered the simple linear relation that exists between the number of interactive hits and the product of the UV and X-ray doses in *E. coli* B/r (Rad. Res. 110: p. 139, Fig. 5). This was the key to the development of the formalism. I know of the old work of Sax and Swanson on infra-red-X-ray interactions but I have not so far tried to analyse it mathematically.

I also enclose a review article that I wrote recently which summarizes most of my previous work on the mathematical description of dose-response relations. I also enclose a paper I just finished on biological warfare. It was my contribution to the recent Kühlungsborn Colloquium on this topic and it will be published shortly in the conference proceedings.

I visited Annual Reviews headquarters, and Bill Kaufmann, shortly after Christmas. The job looks interesting. I would certainly like to discuss this with you further if the Board is interested in me.

All the best.

Bob