

1956

Dear Rosalind-

Enclosed is the drawing for my paper and a re-typed copy.

Jim had some suggestions regarding your paper - I don't know whether you will want to take the time to make changes but I thought I'd send them along anyway. He feels he doesn't deserve credit for the idea that the RNA is axially located, and that your description of the EM work is confusing. It might be better to say that when the protein is ^{partially} removed from the virus by gentle means the RNA can be seen as an axial core in the EM, but that since this may be a collapsed structure it does not necessarily represent the location of the RNA in the intact virus.

Since the A-protein Fourier is the most important part of the paper it might

pay to cut out some of the ^{other} details to help emphasize it. You might leave out the list of preparations - though mentioning that you used Frankel-Couratz normal strain & Schramm's A-protein, and that the comparison of the two is justified by the uniformity of normal strains. The two paragraphs from the bottom of page two to the top of page three could be left out. After the description of the radial Fourier (middle of page 4) you could insert a short paragraph pointing out that the changes in the non-equatorial reflections between TMV and the repolymerized A-protein using newly determined helical parameters also indicates that the structural difference occurs at a radius of about 40\AA .

Nature is unlikely to accept the abbreviations - particularly RAP which is a rather unpleasant name. The literature is getting really too full of other euphemisms, it would almost certainly be preferable.

Sincerely,
Don Caspar