

9th. June 1947.

My dear Darlington,

Send back Rifaat's paper with any notes or blue pencillings you please. I told the author that I anticipated that you might well wish it to be largely cut down for publication, though he could use the deleted material in his thesis.

About the mice, I have in my stocks one or two cases where chromosomal abnormalities are expected and in which, therefore, the cytology of heterozygotes might be different from that of homozygous brothers. I do not anticipate any such thing in connection with the three genes, Re, wy<sub>2</sub> and sh<sub>2</sub>, which are found to be sex-linked.

If any of you are considering the possibility that my stock has some chromosomal abnormality not universal to the species, you may find it useful to know that not only is the recombination exceeding 50% found in all four of the male types made up separately as mutual controls in Margaret Wright's experiment, in the manufacture of which crossovers between wavy and shaker had to be found, but that equivalent recombination fractions are obtained from data which Snell has recently collected for me from his own stocks.

I am very anxious to know whether Muldal has succeeded in estimating the proportion of meiotic nuclei in males having

equational and reductional separation in the first division. I  
doubt if any other feature can be cytologically observable.

Yours sincerely,