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Records Series Title	<i>Scientists' papers - Dr. John Lawrence</i>
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Carton No.	<i>(6)</i>
Folder No.	<i>D-R 1954</i>
Notes	<i>Measure C-14 in hemin</i>
Found By	<i>Karen Holmes</i>
Dates	<i>1953-1954</i>

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October 12, 1954

Dr. Wm. A. Reilly  
 Veterans Administration Hospital **BEST COPY AVAILABLE**  
 42nd & Clement Street  
 San Francisco, 21, California

Dear Bill:

Thank you very much for your letter of September 28, 1954. In all the cases of polycythemia vera that we have studied with Carbon-14 labeled glycine, we have found curves which we interpret as indicating a population of short lived red blood cells. We have not in the past year measured any new patients and are now in the process of assembling our data. We have been particularly anxious to in addition to measuring the C-14 activity in the hemoglobin to measure it in hemin. This has caused considerable delay since the preparation of hemin is much more tedious than that for hemoglobin. However, we hope in the near future to be able to analyze our data in terms of both hemoglobin and hemin. It is probable that the population of short lived cells are small in number and would not be detectable with the Ashby or Chromium-51 technique.

Dr. McCombs is at work and gradually beginning to settle himself into the laboratory. I am hoping that with his excellent background in physics he will be able to become a valuable member of our staff.

I will keep in mind your last P.S. should I hear of any development in the future.

Sincerely yours,

John H. Lawrence, M. D.

JHL/dh

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