

# TYÖTERVEYSLAITOS

INSTITUTE OF OCCUPATIONAL HEALTH - L'INSTITUT DE MÉDECINE DU TRAVAIL - INSTITUT FÜR ARBEITSMEDIZIN

HAARTMANINKATU 1 — HELSINKI — FINLAND

DIR. PROF. LEO NORO, M.D.

July 22, 1964

Dr. Henry Blackburn  
Laboratory of Physiological Hygiene  
University of Minnesota  
Stadium, Gate 27, Minneapolis 14  
Minnesota, USA

*Deftbrillaber*

Dear Henry,

Martti mentioned that you perhaps want to study anaemia problem in our study and that you perhaps will bring for us a machine which either measure hemoglobin cell count or/and the size of the cells, <sup>as</sup> you know an epidemiological <sup>anaemia</sup> ~~cells~~ study in these areas was carried out by Dr. Antila: sideropenia very common and a lot of cases of anemia.

My opinion is that this problem has been studied very well. But if you want to correlate individual <sup>workers</sup> ~~workers~~ with some other characteristics, Dr. Antila's work does not help.

So for as anemia are concerned, sideropenia and sideropenic anaemia seems to be here the most important and surprisingly common. The method which count the red cells, perhaps measure their diameter is insensitive. We should measure serum iron, iron <sup>binding capacity,</sup> ~~binding capacity,~~ I am afraid that our lab. <sup>facilities</sup> ~~facilities~~ are not capable for that.

If you are going to bring with you, or to send to us, some kind of "hemocytometer" which for me seems to have not much value in our study, please let me know. It means some extra work <sup>in</sup> ~~on~~ the field laboratory, perhaps a extra lab. technician. And it is very difficult in Finland to find nurses or lab. technicians willing to work in field studies. We have a shortage of them and the few we have prefer to work in more comfortable <sup>conditions</sup> ~~conditions~~, e.g. at hospitals at Helsinki.

Best regards, *Sincerely*