

The Bowman Gray
School of Medicine
Section on Rheumatology
Robert A. Turner, M.D. Section Head
Professor of Medicine
(919) 748-4209

Dr. John Simoons
The Rheumatoid Disease Foundation
5140 Revere Road
Parkwood
Durham, NC 27713

Dear John,

August 21, 1985

It was a pleasure to meet with you, Dr. Richard Franson, and Duane Smith on 8-20-85 and hear that we should be able to collaborate on obtaining samples for analysis of phospholipase A2 activity in conjunction with arachidonic acid metabolism studies on the neutrophils of our patients with rheumatoid arthritis before and at the completion of therapy with Clotrimazole. As discussed in our meetings, Dr. Franson will be doing his studies as previously discussed with you determining the phospholipase A2 activity under a separate grant. Dr. Duane Smith will be performing our arachidonic acid metabolism studies on 10 patients with the blood to be drawn at visit 1 before patients have begun taking either Clotrimazole or placebo and at visit 12 when they are completing twelve weeks of therapy with either of these agents. Dr. Smith will separate up to 60 cc. of blood for Dr. Franson and ship the cells to him for his studies. Dr. Smith will also obtain 60 cc. for his studies which will entail utilizing tritiated arachidonic acid which will enter the phospholipid pool of the patient neutrophils, be metabolised therein and the end products measured by thin layer chromatography in silica gell based plates. The results of these studies will be compared to results on 10 normal controls and this quantitative data along with that obtained by Dr. Franson should lead to a useful publication from the studies.

As you know, we had originally discussed a grant of \$20,000 to perform such studies, but I understand the financial constraints involved and Dr. Smith has agreed to obtain these studies along with processing the necessary samples for a total grant of \$10,000 to the institution. Dr. Smith and Dr. Franson will be collaborating on the necessary processing techniques and Dr. Smith will send you a detailed protocol of these within the next several weeks. He will at that time also send you a detailed budget for our portion of the study which will show a beginning date of 10-1-85 with payments to be made in three equal installments over a three month period.

Robert Turner, M.D.
Professor of Medicine
and Chief, Secion Rheumatology
RT/nah