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DEPARTMENT OF ZOOLOGY

AREA CODE 615
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May 31, 1984

Mr. P. A. Chapdelaine, Sr.
Rt 4, Box 137
Franklin, TN 37064

Dear MR. Chapdelaine,

Thank you for your letter of May 29. About the drug effect, I was referring to a paper you had sent me earlier. However, I will look at the literature and see if any other papers exist.

I am afraid I have not done any searching on the macrophage chromosome count yet, but I will get to work soon.

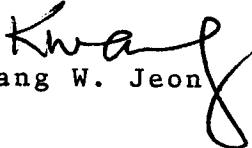
I have received a couple of samples from Dr. Blount with feces added. The bacteria overgrow and the whole dish becomes full of bacteria and lumps of debris, and I do not know if this is the way to go. In those samples, I have not found any amoebae.

Meanwhile, something interesting has been developing. The two cultures I obtained from Dr. Blount a month ago have produced a few dishes full of what appear to be synovial fibroblast sheet on top of which many macrophage-like cells are attached. I have heard that in rheumatoid arthritis fibroblasts and macrophages communicate with each other and produce some chemicals that might be of interest. These cells are growing very well. I wonder if you could ask Dr. Blount to send me a few synovial fluid samples from normal adults so that I may compare the cells with those from patients. I do not know if such fluid can be collected from normal persons, but if it is possible to have a control sample, the comparison would be very useful.

Once I have got enough cells, I will add drugs to the cultures and see their effects. At that time, I will ask for information on obtaining drugs from you.

With best wishes,

Yours sincerely,


Kwang W. Jeon