

THE UNIVERSITY OF TENNESSEE
KNOXVILLE, TENNESSEE 37996-0810
DEPARTMENT OF ZOOLOGY

AREA CODE 615
TELEPHONE 974-2371

February 20, 1984

Dr. A. A. Concon
4839 Princeton Road
Memphis, TN 38117

Dear Dr. Concon,

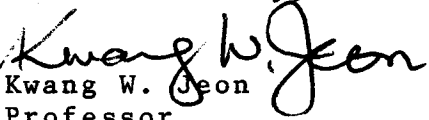
Thank you for your letter of February 15, giving me a suggestion on possible experiments I might carry out with synovial fluid specimens. Your idea is a very interesting one and the suggested approach will probably yield valuable results. Unfortunately, we are not currently equipped to undertake the kind of experiment you have suggested. With one sample I received from Dr. Blount last week, I only tried to determine if there were *Limax amoebae* in the fluid. So far I have not found any amoebae in the sample, although there were several types of live cells.

On incubating at 37°C, many granular cells attached to the substratum and assumed various cell shapes with broad pseudopodia. I also tried to culture the cells in tissue culture media used for mammalian cells, but none of the cells appeared to grow. After 4 days in the defined media, most of the cells died.

So, I will have to say that this one sample did not contain amoebae, although I will keep looking for them in the fluid.

Thank you very much.

Yours sincerely,


Kwang W. Jeon
Professor

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c.c. Mr. P. A. Chapdelaine, Sr.