

Dr. Kwang W. Jeon, University of Tennessee (at Knoxville) Department of Zoology, has cultured knee effusions submitted by Drs. Jack M. Blount, Robert Bingham, Archimedes Concon, Theodore Tihansky and Harold Walmer.

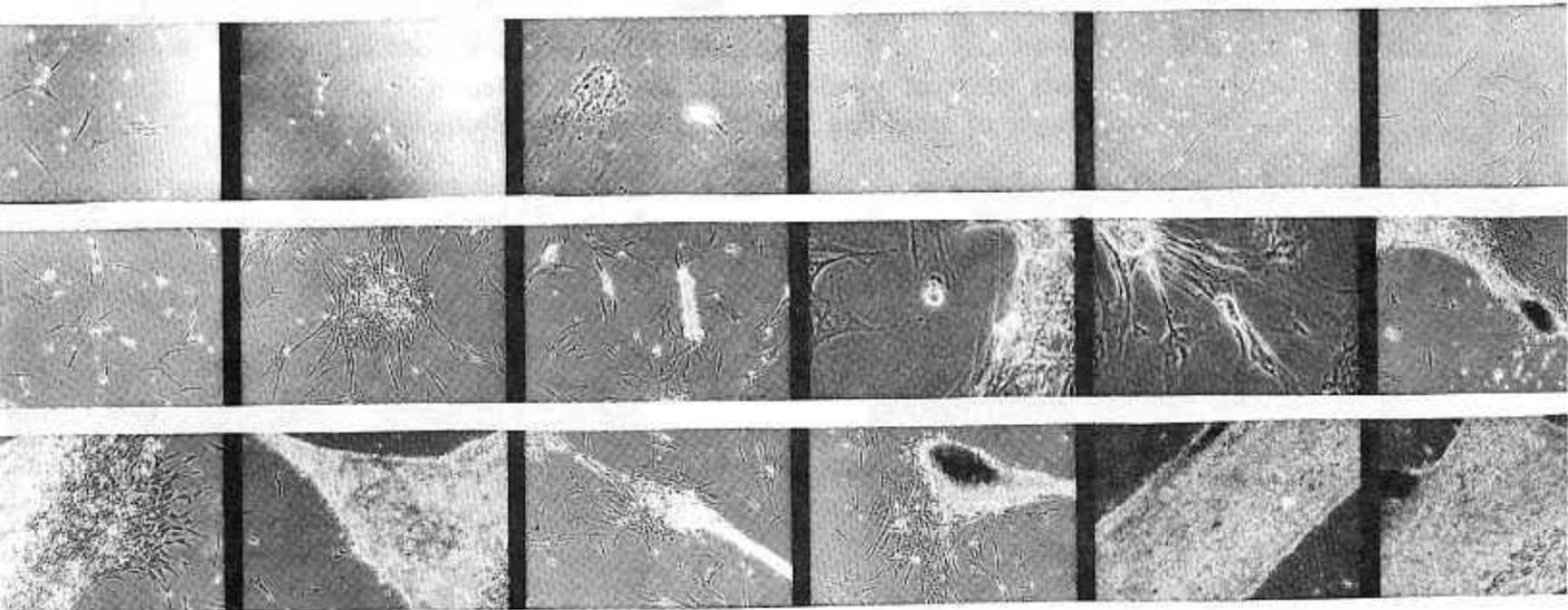
Although Dr. Paul Pybus and Pathologist Dr. Albert Davies reported finding and isolating the Limax amoeba from knee effusions, Dr. Kwang Jeon did not do so from the samples submitted.

Some of the samples submitted to Dr. Jeon were before the use of antiamoebics and some were after the use of antiamoebics. He soon observed that in those samples taken after use of metronidazole, no further growths occurred from human cellular materials, whereas, in those samples from patients not treated who are also victims of Rheumatoid Disease, the human cellular materials seemed to form collagen or collagen-like strands that soon became mats of collagen or collagen-like tissues.

This may be a serendipitous discovery of some importance, and only further research will determine the fact one way or another.

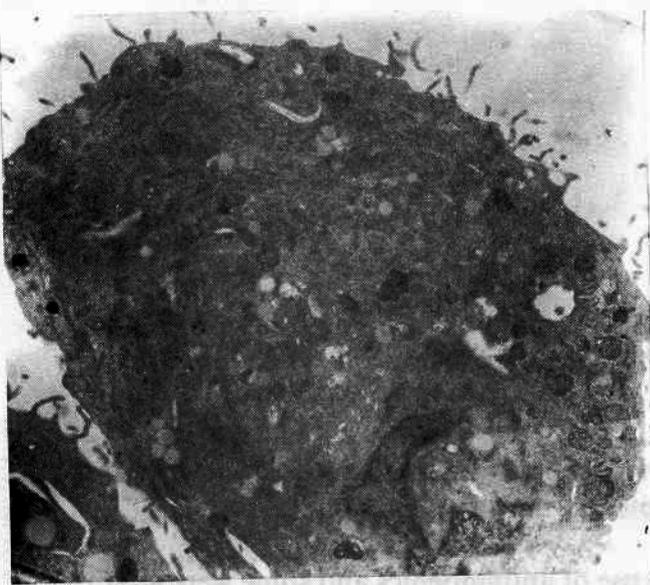
Physicians have long noted that inflamed knees sometimes seem to be filled with fluids, but are not; and, when they are operated on, they are filled with massive amounts of collagen tissues.

Dr. Kwang Jeon will attempt to stop the growth of the collagen or collagen-like tissue by use of metronidazole and allopurinol *in vitro*, and later the Foundation will arrange a meeting with a specialist in collagen tissues for the further sharing of information.

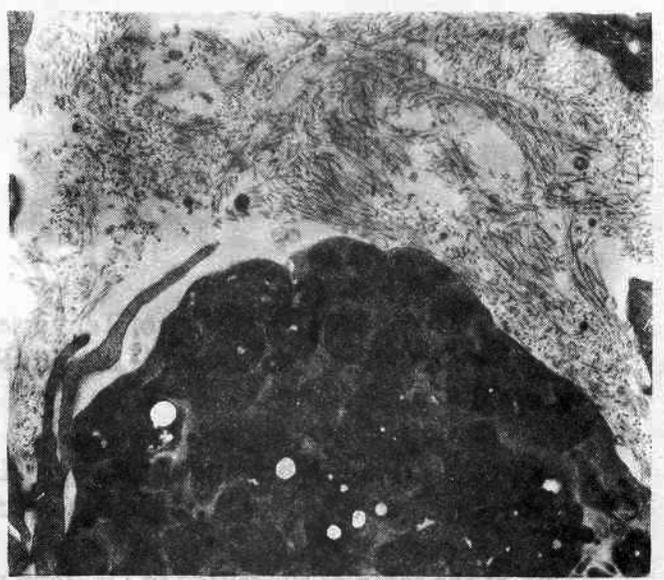


Phase-contrast microscope images of cells at different stages of multiplication, forming tissue-like structures.

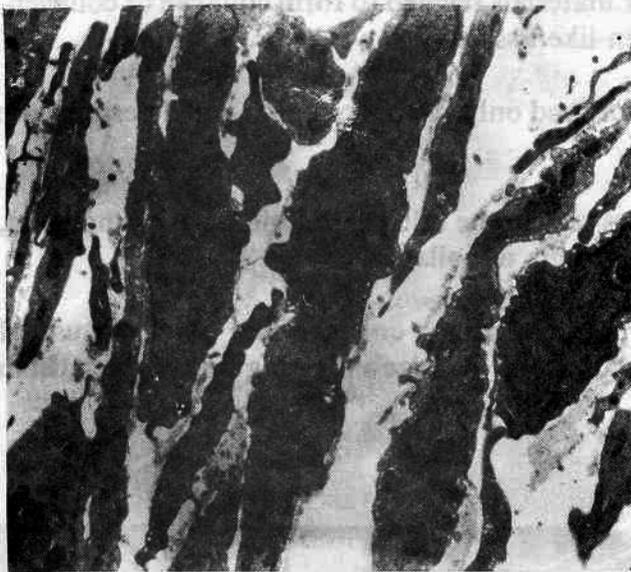
See other side for Electron micrograph enlargements.



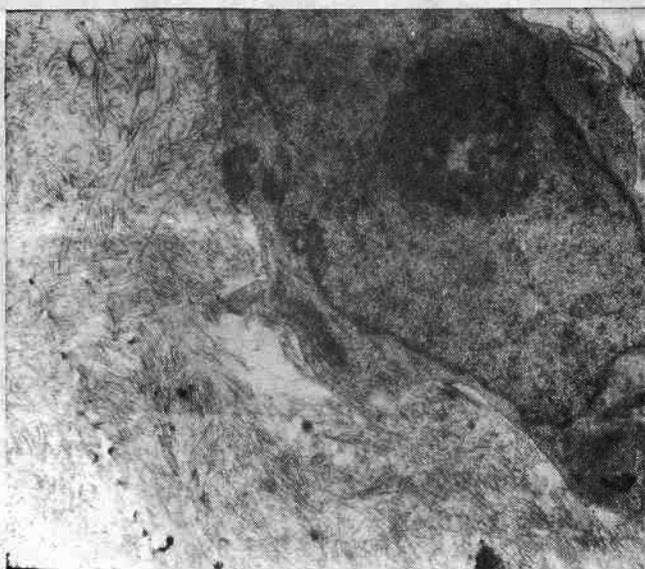
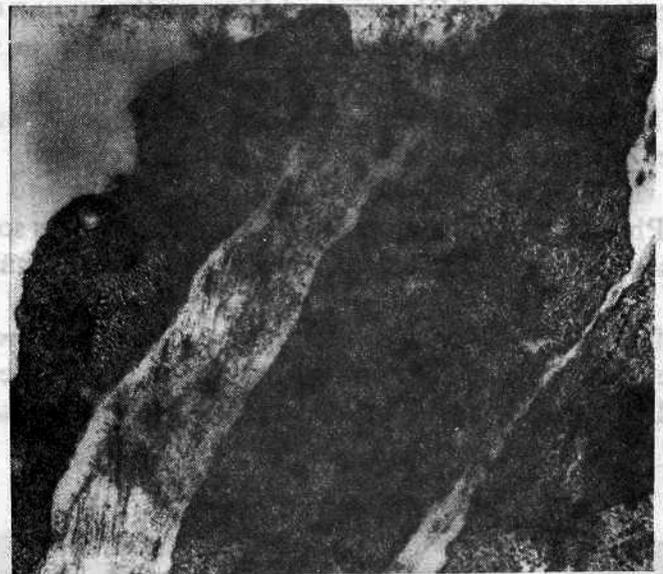
Isolated cell growing at the edge of culture dish.



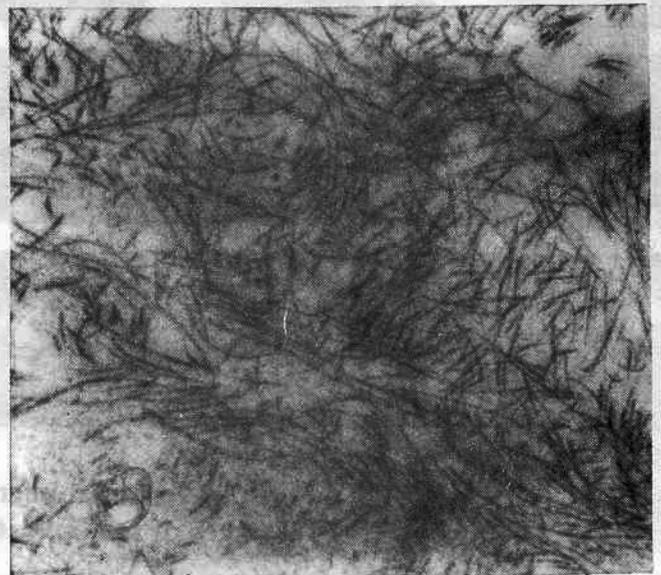
Collagen-like fibers surrounding a macrophage-like cell.



Side view of piled-up cells, showing different stages of fiber-like material filling intercellular spaces.



Fibers at higher magnification.



Fibers filling space between cells.