MILLIPORE FILTER CORPORATION
WATERTOWN 72, MASSACHUSETTS, U.S.A. TEL: WATERTOWN 4-8130

AIR MAIL

December 22, 1957

Dr. G. Nossal
Hall Institute
Royal Melbourne Hospital
Parkville N2, Victoria
AUSTRALIA

Dear Dr. Nossal:

Professor Joshua Lederberg of the University of Wisconsin has requested that we send you information regarding Millipore diffusion chambers for tissue culture in vivo.

At the risk of "burying you in great reams of paper", I felt that it might be appropriate to bring your files up to date on the sort of thing that Millipore is doing by sending along a selection of material having fairly broad application.

It is certainly true that Dr. Algire's work - and that by Weaver, Prehn, Grobstein, Campbell and others - has been startling in the extreme in that it has, at one stroke, established a research procedure of new sensitivity, and also suggested the possibilities for direct surgical intervention in humans -- in nerve tissue regeneration problems, in surgical burn dressings and in the transfer of endocrine tissue.

A very recent development, which - from present indications - will surplant the use of conventional materials in this type of work, revolves around the new MICROWEB materials - a sample of which I am enclosing - which provide infinitely greater mechanical strength -- which is an absolute must for practical application in human surgery. (These materials should be boiled gently for five minutes in distilled water before use in tissue work.)

Dr. Algire has employed our convention type HA and AA materials quite extensively. The major portion of his work has involved 17.5 mm filters (which sell for $13.70 per package of 100). He constructs his own Lucite chamber walls - which we do not supply.

Standard materials are available in a complete range of porosities from 10 millimicrons to five microns - and in ultra thin sections as well. The MICROWEB materials are available in two porosities - WH (at 0.45 microns) and WS (at 3.0 microns).

Please do not hesitate to call on us if we may be of further assistance.

Very truly yours,

Walter W. Kenyon

Walter W. Kenyon
Vice President

A new standard of precision in microfiltration and analysis

wwk/cap