

January 1977

in accompanying letter, say
why it is first.

NOTES ON PAPER FOR NATURE (REPORT) re; cartilage factor used to inhibit tumor induced vessels.

1) PAPER MUST INCLUDE THE FOLLOWING MAJOR COMPONENTS:

1) 2 test rabbits

Controls of SALINE (Heparin)
TRAYSYLOL
CYCOTCHORME C.
etc.

2) Melanoma mice (with intraperitoneal injections of inhibitor as well as I.P. injections of control material (i.e. Traysylol)

3) The Nuclear Scan quantitation of dose presentation of ipsilateral eye versus contralateral eye when one carotid is the injection site
(THIS SHOULD ONLY BE A SENTENCE IN THE PAPER NOT A GRAPH)
and compare to intravenous injection for future use.

4) The tissue culture studies of V2 and Melanoma with increasing amounts of cartilage inhibitor in the medium.

5) DECISIVE CONCLUSIONS: which point out:

- How this supports theory of anti-angiogenesis
- That it is the first compound from the body that stops tumor in different way
- That its use clinically in cancer is possibility as prototype and also because it differs from conventional therapy which aims at stopping DNA synthesis, but inhibition of DNA synthesis without killing a cell does not stop TAF production (see Auerbach and Folkman)

- other uses

6) A NAME FOR THE MATERIAL.

Historic
+
widespread
Interest

CANDIDATES FOR NAME OF THE VESSEL INHIBITOR.

(based either on source of the material, or its function, or its structure)

- 1) " CARTILIN" (suggested by Haundenschild)
- 2) "ANGIOSTATIN"
- 3) CAPILISTATIN
- 4) CÆPISTATIN
- 5) VASCULOSTATIN