SLOAN-KETTERING INSTITUTE *for* CANCER RESEARCH

DONALD S. WALKER LABORATORY, 145 BOSTON POST RD., RYE, N.Y. 10580 OWENS 8-1100

July 30, 1979

Mr. John Hey
600 Aubrey Circle, South
Greenwood, Mississippi 38930

Dear Dr. Hey:

Thank you very much for your kind letter of July 23rd concerning laetrile and cancer.

I have sent to you a reprint of our paper written by myself on the effect of amygdalin (laetrile) on transplantestumors and spontaneous mammary tumors in animals. Please judge yourself whether or not my results are right. I still maintain my original statement concerning amygdalin on animal tumors.

I have tested 7 times the effects of amygdalin isolated from apricot pits on the growth of spontaneous

mammary cancers in mice (CD_8F_1 and Swiss albino mice) and development of metastases in lung. I have found that repeated intraperitoneal injections of 2000 mg/kg/day of amygdalin inhibited the growth of spontaneous mammary tumors temporary (7 to 35 days) and the development of lung metastases (about 80 percent of metastases in amigdalin-treated animals against about 20 percent in control animals). I have confirmed gross observations of lung metastases by microscopic examination. However, other investigators did not confirmed their gross findings by microscopic examination of lungs. However, amygdalin failed to destroy primary spontaneous mammary cancers in mice completely.

Repeated intraperitoneal injections of amygdalin (1000 mg/kg/day for 1.5 years) delayed 3-4 months on the appearence of spontaneous mammary tumors in CD_8F_1 mice although a number of tumors developed in both cases were essentially the same.

Average survival time of leukimic mice (AKR) treated with amygdalin and of untreated control

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mice were essentially the same. However, 50 percent of amygdalin-treated leukimic mice had small size of lymph nodes, thymuses, and spleens.

I think amygdalin is not a cancer cure but a good palliative agent.

It is interesting to note that amygdalin is a cancer cure. I have observed in mice having large spontaneous mammary cancers died or were sacrificed had many lung metastases. On the other hand, lungs of amygdalin-treated mice were tumor free.

Very sincerely yours,

Kanematsu Sugiura

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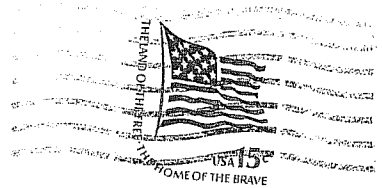

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