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SUR LE CANCER

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Dear Mike,

I just took one week vacation in Provence with Chloe and Bronique... C'est la vie ...

Sorry to see that there is trouble with sarc probe vintage 1975 and uninfected RNAs. Although the matter is very serious, I don't think we have to panic right away!

1) I suspect very much that the new batch of sarc probe still contains residual viral RNA. Did Tom or Daisy observe annealing in samples incubated with yeast RNA for several days? In this case, the probe should be RNased, phenol extracted after SDS pronase.

2) Here are the informations about the material I tested.

<u>Embryonic RNA</u>	<u>time tested</u>
Ch 10 days old, pool of 4 embr.	once
Dk 13 " " " " "	"
Q (day not recorded, but certainly betw. 9-12)	"

cell culture :

Ch tertiaryies (Spafas Thomas Graf)	once
Q " confl, healthy	once.

Although samples were only tested once, I think there is good reasons to believe that these experiments were meaningful, since we had controls where cDNA_{sarc} was low and cDNA_{βγ} went up (with Ch RNA Chfr), and also where " went up and " stayed low (QT2 RNA).

- 3) By all means, it's a good idea to do these experiments again, independently. I join here a shipping bag containing ca 40 000 cpm $[^3H]$ cDNA_{sarc}^(in 4 λ TE) 1974_A, the batch used for the experiments described in the Nature paper. On my side, I am preparing RNA from virus-free ck embryos, and will test as soon as possible (2-3 weeks?) how it anneals to cDNA_{sarc}, batches 1974 and 1975.
- 4) Enclosed is the code about RNA solutions kept in my freezer (HSE 442) for Jacob Tal. If viruses have to be regrown, there is medium for infection in 100 ml bottles in my Revco space.
ex: 6968-8 is Fujinami SV
6968-13 is Carr Zilber SV. ...
- RNA samples are diluted $\times 5$ and noted A, B, C, ...
- 5) Enclosed also is a copy of the summary about sarc for the Proceedings of the Leukemia Society. If you see some mistakes, please let me know so we can correct it on the galley proof.
- 6) Could you please ask Nancy (or?) to send me small Falcons with revived cells from QT2, QT6, QT24 or/and 35, and MSB-1. I would appreciate very much.

I finally have started to work in my brand new lab room, but things go rather slowly.

Love to all,

Dominiqne.