Dear Julian

Dr. Joshua Lederberg
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missile gap.

JUL 28 1985

Personal Memo from
JOSHUA LEDERBERG

Julian Nall

JUL 28 1985

In re Soviet Biotech.

I would guess Ovchinikov's Institute is half the Soviet effort in DNA-juggling. It probably feeds a small layer industrial exploitation.

He is not constrained by $$ or equipment. His budget is 100 MM rubles ~ $200 MM.

US comparable must be ~~5 to 10~~ 10 to 20 times larger.

So what there is will be qual. competitive, and probably enough to allow effective exploitation of this generation's technology.

As I told them face to face, the sheer inertia of that institute will not be able to innovate rapidly to initiate next generation.

J

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