

Letter -

5-18-73

: Kennecott -

success in the park  
(poacher)

[≡ fox watching birds]

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: of course we took many from military  
but to do our own basic  
research.

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□ Detrick criticized by RAO for  
too basic research.


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⑤ raised (per John Steinbrenner) that  
we are trying to push him down - "we  
must know all about this program from  
3 defects."

⑤ US statements of no BW "fair & real".

Russian program ~ 1 number scheme.

□ has been lots of propaganda.  
We should get past old history.

~~#~~ ⑤ Niel-med  mit-med. Bilat. as way to deal.

□ difference. BW not acknowledged.

Tom Mads. key element to exchange.

Rem: ----- People who had worked in military. -  
Conversion issues.

## • Transgenics .....

o □ position at Asilomar.

Chanock. - Transgenic mice susc. to polio

Doll: ~~other wild mice~~

o ~~Mice~~ ~~-----~~ ~~-----~~ ~~-----~~ ~~-----~~

Peltzer...

Chazot → Dean \_\_\_\_\_ Medical Institutes, less role.  
"Physicians against BW" as a movement.

Exchange of surveillance data. 10/93 - CISAC plenary.  
Head. Kimmel.

o □ Problematics of intervention. Hitler 1936 vs Yugoslavia 1993.

(B) - Scientists ... have advertised nuclear. Nuclear Winter.....  
So everyone understands. Some EU...  
Demandate PR re BW.

(S) Confidence. Sverdlovsk. US knew the situation. Plika Army  
for US diplomacy. Possibility of genetic eng. Brain drain intel.  
Demand for repentance. Diplomacy has gotten a taste for (Blood).  
Alliance needed. 5/9/93. One sided repentance

o Jimi Hughes re US-Russian EIS collaboration.

✓ This is a planning mtg  
e-mail  
PSR.

✓ Attend com.

✓ Vow for other regulatory issues. Transgenic's CONVERSION  
US scientific ~~situation~~ situation. World research.

<sup>Swedish</sup> ~~Swedish~~ <sup>Swedish</sup> project

• agree to discuss, as much detail.

Understand the problem.

① Joint Sv./author results.

② Standards of verification

③

Petrov - Academy as seat of independence. Basic sciences  
New directly in acquisitions.  
Scientists were individually involved. E.G. Solokov.  
Implementation outside.

In 2 years, new status Acad. self-governing.

etc.  
IL visited @ Shonydani. Had to be limited in what he said.  
Now eager to stop.

Academy independent!

Delegations: Ivanov. <sup>perhaps lives</sup>  
Bolshevik. - Ecol. Inst. (Sweden).  
Sandakchiev - Centre Eyrini (Novosib.)

Agenda: swallow.  
IL's warning re "quarterly giving" - transgressive organisms.

Getman's decree on BW compliance.  
"Science + Business": conversation. Potential in the new region.

Obogenski. 200 cards. 12 Ph.Ds 2000 specialists.

High containment. Appl Microb. Center.

Costs: ! Take up conversational issues.

3rd party criticism. BW specialists may be criticisable.  
Brain drain. Physicists undervalued. Biologists too...  
Try to find alternative jobs.

Peter. Structure of AN

300 institutes. 250K people. 60K scientists

1K academs.

300 full members

AN could support a new project. Needs to...

Robbins: New England factory cases:

Alex. G.: Co-manufacturing not ascertained in April.

Cluster of cases within the ceramic factory.

Ivanov. - we may never know. Need data from participants

Soudak. "objective situation". Citeubeg... commentary.

General political situation. Yeltsin: had no relationship...!

has no interest in delving deeper.

many other leaders. Aggravation of resistance.

Unstable base. "Talking down idols."

Political implications.

Source: all data as per opus

Steinbock - sympathetic to not causing history.

"We need to know what did happen"

It "we" is U.S.

Peter - while Yeltsin admitted to me... not necessarily Soudak.  
:(did he copy plea).

Bolshakov. 4/79. Existence of 19<sup>th</sup> Containment. Surrounded by  
secrecy. Never discussed in town.

best viral inf. riphungs.  
vaccines, ... non-mil.

April. official press. Bugasov. "bad meat" This version is  
satisfied local residents. Naive in microbiology.  
Biologists were skeptical. Can't be unproven as fever, now.

: least happy with "bad meat".

: ~~Montepa~~ - connected with ceramic plant.

Uses clays for facience.... Maybe contaminated.

: perhaps mutants.

Active discussion of a deer who transported clay.

#32 - Reserve training. 1 officer. (mathematician)  
No one else.

: still ambiguous, not clear.

His institute. many colleagues at #19. Why no leaks.

: could ~~be~~ establish study.

19 is still secret.... I thought it had been moved.

Peterov - animal?

B - wild. no. Nearby - rodent capture station, birds.  
Leave - for animal wastes.

!! yes - sword of Damocles. Need for study. O persuaded.

B It happened and is gone. No residue left. Other pollutants  
Electron - new brought up as an issue.

Sci. community is interested. What status of AN.

Need small steps.

Suedschkiew.

- Eradication never successful.

Peters: moral argument. "Visions of the future".

review with DA.

Balchew: Biodiversity. Multistage program.

Ivanov (@ Biol - MSU) - "Bioscience"; "Homocentrism".

Rolbin - police receptor

- : Peters History. Name is not known. : Runs no more.  
Balchew - is a native, responsible for ecology - in this regard.  
"Objective bystander". Could our group influence military. History:  
do not repeat mistakes.



US wanted EU + BW to be renewed.

Kusevich concentrated on EU only for

Sandy - committee it is called EU + BW.  
it has such a group. .... [is <sup>was</sup> tenure ....]  
Dquatiff, Oleg ....

current time is awkward. Conflict with other meetings

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Verification system.

Rollins. BS - bot toxin in E. coli fibrils. □ not in vaccines.

□ to Ivanov - your colleagues were studying cobra toxin  
: First I heard of it.

• bi vs multilateral.

Sandy: - careful control over hazardous organisms.

Peters - Epidemiology is (still?) secret. Could be ameliorated by world gov

Sandy: Monitoring needs deeper analysis. : studied + team variations.  
Canal in Mongolia      Hsp + North America - "restricted" vaccines  
Hep A - can't differentiate. Resp....  
: has plan to monitor....  
Int'l. organizations could use previous military facilities

Petrov.

Fundamental research. ~ most modern institutions

Physico-chemical biology (mol. biol.)

Not a conversion issue; but withdrawal of military funds.

(Looking for grants). Hope for more recognition for bio.

Eligible for existing programs in Russia + abroad.

Institutes who worked directly with dangerous organisms.

More support for med. even if not directly involved in weapons.

Orphaned. Greatest needs. Not tempted to go to weapons  
"Biopreparat".

Military - delivery systems. Beyond "biology". Probably find  
Other applications. No expertise here.

Stress (2).

Wanov. re 2. Govt. is organizing "federal centres". EG Kuchakov.

⑤ Financing MOD down to 5%. Conversion ceased in 1989. All  
had collapsed. Commission. Yeltsin: working until 1992; but

Missite Obdymsh. - special inf dis  
Nov. Koltarova viral 3000 staff gumpi variati...  
Not weapons, no stolyika; evaluation of agents.

: Joint international program for study of esp. dangerous diseases.  
Facilities adequate for production.

+ There is a law. Kozlov paper. No funds.

Seeking contacts with foreign firms. No local experience in marketing. Russian & low standard.

Foreign firms: would need major restructuring for USSR.

Mecchi: more interested in S.P.

? looking for govt. guarantees

Embassy: black list.

Feasibility studies. Internal management.

1/2 budget based on products. Diagnostic hep. B, C. ... 35%.  
not very profitable.  
miscellaneous infusion products  
herbals

o Mark etc. understand world market. Not Russian market.  
3d world production (Russian-German cooperation).

Good coop'n with Atlanta, e.g. on smallpox  
... WHO - human volunteers. (clinical studies)  
chicken strains  
aerosol.

⑤ use for ecology. E.G. bugs for oil cleanup.

Federal program: "env. safety of Russia" - Rabat's safety.  
⑥ "rule" - appl to vaccines, etc....  
(soft vs. hard currency).  
What we offer: facilities; specialists; not workers.  
what we need:

① ~~Principal issues~~. So ~~several~~ are on issue: but I.R. cuts

Robbin - glycerol, drilling mud  
- low margin.

... concrete plan for Bioprepared to deal with "dangerous diseases"  
(emergent infections) for global health.

② Hierarchy of power structures.   
concessions money } - missiles - nuclear  
- chemists - gobbed by Kussowich  
- biologists

① Planning joint antibiotic

② Verification standards. Bilateral

③ Snapshot. Don't rush to destruction.  
more thought to further comparative studies.  
Internationalization of oversight.

④ CBM's .....

⑤ Concessions questions.  
A.  
B.

⑥ Mil.-mil. exchanges

5/29/93

Sandakhoriev, referred to Paccchukh, <sup>in N.Y.</sup> Albulko, —  
(Dir 3d Directorate) as defectors who told us.  
[prolonging us?]

▷ just as well for them that this is blown. We can now  
move forward.

A gift tie — AH СССР. where can I possibly  
wear it?