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DATE: 1 MARCH '93

TO: PROF. MATHEW MORRISON

DEPARTMENT/ADDRESS: DEPT. BIOCHEMISTRY / MOLECULAR BIOLOGY

FAX NUMBER: 1 - 617 - 495 8308  
Country Code City Code Area Code Phone Number

COUNTRY: CAMBODIA

FROM: MARTIN HUGH JONES

DEPARTMENT: B-14

MESSAGE:

I GO TO MOSCOW ON / ABOUT 14<sup>th</sup> - CAN  
WE TALK BEFORE I GO

Best wishes to you & Team  
M

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1 March, 1993

Prof. Mathew Meselson,  
Dept. of Biochemistry & Molecular Biology,  
7 Divinity Ave.,  
CAMBRIDGE

FAX: 1 - 617 - 495 8308

Dear Mathew,

What with Mardi Gras, visitors, a school "Open Day" and teaching everything got slightly delayed. Sorry!

Please find attached a copy of the agenda of our meeting. Grinberg arrived safely in Galveston with his wife & child and blocks and soft tissue. HURRAH! Apparently he is in hog-heaven with all the new American scientific toys at his disposal. As a result of these discussions, we are going to try to find the money to repay David for his costs in getting Grinberg, plus whatever is needed to examine the organism DNA characteristics. Tony Phillips has offered us access to the Porton collection for comparative studies. Now that I have everyone located within my computer I will be working with David & Grinberg to see if their 42 dead Russians' lesions cluster or factor out into different subgroups and thus whether they have different spatial distributions with the Rayon.

David has promised me the names of the 54 other autopsied cases which I gather he sent you. I will check them against the "H" lists. Apparently Grinberg has admitted that in retrospect some may have been mistakenly not diagnosed correctly.

I also include my two "downwind" distributions based on two different sources within Compound #19. Source "A" was the original and just fitted by eye from the furthest case up through the middle of the dead cases. Source "B" is at #1 Zvezdnaya ul (ie the extension of Voennaya into the compound). Alexis told me that was where the Russian officials told you the source was when you met them recently in Moscow. Is this correct?

I am working to get my stuff onto a line plotter and off the very expensive need for the flat-bed colour printer (eg \$1.00/linear inch). It all takes time. I have brought together the larger maps and find that the 1923-36 Soviet/German maps match the 1990 Russian maps of the oblast.

Best wishes,



Department of Epidemiology & Community Health,  
School of Veterinary Medicine,  
Louisiana State University

Meeting: ANTHRAX RELATED RESEARCH AND ASSOCIATED EVENTS

Place: SVM, room #3511

Time: 1.30pm, Thursday, 18th February, 1993

Agenda

- 1: Present and near-future sources of funding and objectives of potential funding agencies. (D Huxsoll)
- 2: Review of research questions arising from Ekaterinberg.
- 3: Existing Proposals
  - a: DNA studies
  - b: Statistical & spatial analyses of Russian autopsy data
  - c: Rapid field-testing kit trials
  - d: CBDE
- 4: New Proposals
  - a: III International Anthrax Workshop, 1994
  - b: Comparative pathology
  - c: others
- 5: Deadlines and agreed procedures
- 6: Any Other Business

cc: David Huxsoll, Assoc Dean/VetAdm  
Martin Hugh-Jones, ECH  
Gus Kousoulas, VMP  
Tony Phillips, CBDE  
Alexis Shelokov, Salk  
David Walker, UTx

DOWNWIND DISTANCES FROM COMPOUND #19 NOTIONAL SOURCE "B"  
Distance to Boundary Wall of Compound #19 is 734m.

Distance (m)	Residences				Work Places/Pensioners				TOTALS
	"H"	022	Dead	SubT	"H"	022	Dead	SubT	
900	.	.	.	.	.	.	.	.	.
1000	1	.	.	1	.	.	.	.	1
1100	.	.	.	.	.	.	.	.	.
1200	1	.	.	1	.	.	.	.	1
1300	2	.	.	2	.	.	.	.	2
1400	.	.	.	.	.	.	.	.	.
1500	.	.	2	2	.	.	.	.	2
1600	.	.	.	.	.	.	.	.	.
1700	.	.	1	1	.	.	.	.	1
1800	.	1	.	1	.	.	1	1	2
1900	1	.	1	2	.	.	1	1	3
2000	3	1	3	7	.	.	2	2	9
2100	3	2	3	8	.	.	1	1	9
2200	1	.	.	1	.	.	.	.	1
2300	.	1	.	1	.	.	.	.	1
2400	.	.	2	2	.	.	1	1	3
2500	1	.	4	5	.	.	.	.	5
2600	2	1	4	7	.	.	.	.	7
2700	.	1	2	3	.	.	.	.	3
2800	7	2	.	9	1	1	2	4	13
2900	.	.	.	.	3	3	6	12	12
3000	1	.	.	1	4	2	6	12	13
3100	.	.	.	.	1	1	2	4	4
3200	.	.	.	.	.	.	1	1	1
3300	.	.	.	.	.	.	.	.	.
3400	.	.	.	.	.	.	.	.	.
3500	.	.	.	.	.	.	.	.	.
3600	.	.	.	.	.	.	.	.	.
3700	3	.	4	7	1	.	2	3	10
3800	1	.	.	1	.	.	1	1	2
3900	.	.	.	.	.	.	.	.	.
4000	.	.	2	2	.	.	.	.	2
4100	.	.	.	.	.	.	.	.	.
4200	.	.	.	.	1	.	3	4	4
4300	1	1	1	3	.	.	.	.	3
4400	.	.	.	.	.	.	.	.	.
4500	1	.	.	1	.	.	.	.	1
4600	.	.	1	1	.	.	.	.	.
4700	.	.	2	2	.	.	1	1	3

Ceramics Factory: Nearest corner 2786m; furthest corner 3134m. Thus affected employees (\*\*) were arbitrarily distributed with a sixth @ 2800-2899m, a third @ 2900-2999m, a third @ 3000-3099m, and a sixth @ 3100-3199m.

DOWNWIND DISTANCES FROM COMPOUND #19 NOTIONAL SOURCE "A"  
Boundary Wall of Nearest Compound [#32] is 968m.

Distance (m)	Residences			Work Places/Pensioners				TOTALS	
	"H"	022	Dead	SubT	"H"	022	Dead		SubT
900	1	.	.	1	.	.	.	.	
1000	.	.	.	.	.	.	.	.	
1100	1	.	.	1	.	.	.	.	1
1200	.	.	.	.	.	.	.	.	
1300	.	.	2	2	.	.	.	.	2
1400	.	.	.	.	.	.	.	.	
1500	.	.	1	1	.	.	.	.	1
1600	.	1	.	1	.	.	.	.	1
1700	.	.	2	2	.	.	2	2	4
1800	3	1	4	8	.	.	3	3	11
1900	3	1	1	5	.	.	.	.	5
2000	2	2	2	6	.	.	1	1	7
2100	.	.	.	.	.	.	.	.	
2200	1	.	1	2	.	.	1	1	3
2300	2	1	2	5	.	.	.	.	5
2400	.	.	4	4	.	.	.	.	4
2500	.	2	3	5	1	1	2	4	9
2600	.	.	.	.	3	3	6	12	12
2700	7	1	.	8	3	2	6	11	19
2800	.	.	.	.	2	1	2	5	5
2900	1	.	.	1	.	.	1	1	2
3000	.	.	.	.	.	.	.	.	
3100	.	.	.	.	.	.	.	.	
3200	.	.	.	.	.	.	.	.	
3300	.	.	.	.	.	.	.	.	
3400	1	.	.	1	.	.	.	.	1
3500	2	.	4	6	1	.	2	3	9
3600	1	.	.	1	.	.	1	1	2
3700	.	.	.	.	.	.	.	.	
3800	.	.	2	2	.	.	.	.	2
3900	.	.	.	.	1	.	3	4	4
4000	1	.	.	1	.	.	.	.	1
4100	.	1	1	2	.	.	.	.	2
4200	.	.	.	.	.	.	.	.	
4300	1	.	.	1	.	.	.	.	1
4400	.	.	3	3	.	.	1	1	4

Ceramics Factory: Nearest corner 2560m; furthest corner 2860m. Thus affected employees (\*\*) were arbitrarily distributed with a sixth @ 2500-2599m, a third @ 2600-2699m, a third @ 2700-2799m, and a sixth @ 2800-2899m.