

OUTLINE OF VIRUS INACTIVATION EXPERIMENTS
ON BPL/PFL 8Y MATERIAL

PHASE 1

Duplication of 8Y freeze-drying conditions using the Usifroid SMJR freeze-dryer. This will require some experimentation using PFC product.

PHASE 2

Freeze-drying of model viruses in 8Y. Model viruses to be used will be:

1. Vaccinia
2. Herpes Simplex
3. Polio 2
4. Mumps
5. Semliki Forest virus (if stocks available)

Samples will be heated at 80°C for various periods. Initially the following samples will be assayed:

- a. Pre drying
- b. Post drying
- c. 80°C for 24 hours
- d. 80°C for 48 hours
- e. 80°C for 72 hours

Depending on the results of the above assays, further assays may be carried out on samples heated for intermediate periods.

PHASE 3

Freeze-drying and heating of HTLVIII in 8Y.

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