MEMORANDUM FOR:

THROUGH :

SUBJECT :

1. I recommend that the Agency support the proposal by the to develop the techniques and a facility for screening chemicals for their potential properties of inducing temporary behavioral changes.

2. proposes to develop standardized, multidimensional observation methods as primary and secondary screens for the behavioral effects of drugs. In addition, he proposes to develop tertiary instrumental tests which will more selectively determine the activities of those compounds passing the initial screening.

3. This approach is excellent in that it proceeds from general observation, through more specific observation to the use of instrumentation. This minimizes the possibility of overlooking compounds of possible Agency value and leaves the more-expensive instrumental studies to obtain more information on drugs of interest.

4. The proposed use of the computer to analyze the activity profile of the screened compounds is of importance in the continued development of reliable screens.