

July 25, 1964

David Baeder, Ph.D.  
Mallinckrodt Chemical Corporation  
Second and Mallinckrodt Streets  
St. Louis, Missouri

Dear Dave:

Following our discussions some months ago, regarding the concomitant administration of Ditran and chlorpromazine, we have continued our investigations with these two compounds as well as carrying out a number of trials of Ditran and promazine combination, as you suggested.

Ditran and promazine have been given in five subjects, with three of the examinations being done in the EEG laboratory, and seventeen investigations of Ditran and chlorpromazine, with twelve in the EEG laboratory.

The findings in both combinations are quite similar with the dosage relationships being somewhat altered. To obtain a deep stage of narcosis, the ratio of Ditran and chlorpromazine is approximately 1:1, while for Ditran and promazine it is 1:4. Actually, Drs. Gershon, Itil and Neubauer have reported that atropine and chlorpromazine has a similar effect in a ratio of 4:1. For each of these combinations, THA and yohimbine both appear to be satisfactory blocking agents, with THA the more efficacious.

Without going into detail at the present time, the records are available and we can explore this further, if any of these combinations or similar studies are of interest to you.

Both Sam and I are leaving for a vacation this week, and Turan will be leaving at the end of the month. If we are to proceed further, I would look forward to meeting with you soon after labor day.

Our best regards for a pleasant summer.

Sincerely yours,

MF/jb

cc: Dr. Itil  
Dr. Gershon

Max Fink, M.D.  
Director