



April 10, 1997

Donald Cook, MD
St. Clare's Mercy Hospital
St. John's, NF A1C 5B8

Dear Don:

Here is a summary of the few cases where we managed to have simultaneous immuno and biochem assessment of ER/PR. If we follow the suggested cutoff line of 30% on immuno (to achieve the highest possible correlation with the bio), you can see that we seem to be doing very well. The very first case (97-1400) which would be considered as ER+ by immuno was in fact negative by bio. Of course, the number of cases is still too low to come to final conclusion but I think, overall, we are not doing bad.

I will appreciate your thoughts on this. Of course your efforts to provide the parallel biochemical studies are extremely valuable. Let me know if you have any further suggestions to make this task more valid and effective. Also, let me know of any possible correlation with Mayo.

Yours Truly,


Mahmoud

General Hospital

Correlation with biochemistry

Biochemical reporting:

0 - 3 Negative
 3 - 20 Equivocal
 > 20 Positive

Immunohistochemistry		Biochemistry	
Number	Results	Number	Results
97-1400	ER 40-50% PR < 5%	1102:CH00356R	ER 7 PR 17
97-1932	ER 70-80% PR 80-90%	2602:CH00546R	ER 64 PR 477
97-1983	ER 80% PR Negative	1203:CH00324R	ER 102 PR 14
97-2106	ER 50-60% PR 80-90%	0603:CH00438R	ER 30 PR 377