



## R.G.C.C. - RESEARCH GENETIC CANCER CENTRE S.A.

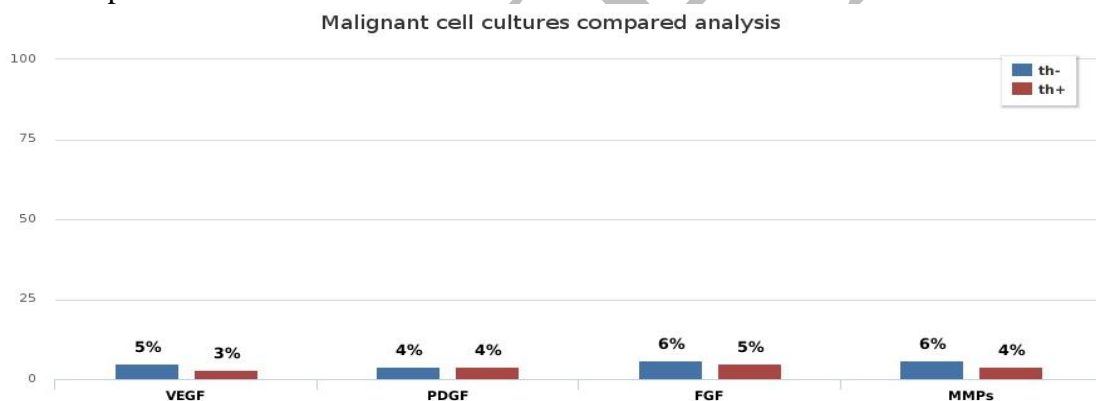
Florina, \_\_/\_\_/\_\_\_\_

Dear Colleague,

We send you the results from the analysis on a patient Mr./Ms.\_\_\_\_\_ suffering from \_\_\_\_\_ carcinoma stage \_\_\_\_\_. The sample that was sent to us for analysis was a sample of \_\_ml of whole blood that contained EDTA-Ca as anti-coagulant and packed with an ice pack.

- We isolated the malignant cells using Oncoquick with a membrane that isolates malignant cells from normal cells after centrifugation and positive and negative selection using an epithelial membrane cell marker and anti-CD45.
- We developed two (2) different cultures from malignant cells (one with thalidomide[th+] in the culture media –in concentration AUC- and one without thalidomide[th-]) from the blood sample of patient above.
- From the culture that includes thalidomide [th+] to the media in the culture with malignant cells, we measure the activity of caspase 3 and cytochrome c.
- From both culture we make compared analysis of VEGF, PDGF, FGF and MMPs inhibition rate.

The results are presented below:



In the culture th- we notice increase of caspase 3 activity and cytochrome c by 6% (apoptosis induction).

**Conclusion:** We notice that the thalidomide cannot inhibit the neovascularization and infiltration procedure and it cannot induce the apoptosis to the cancer cell coming from the above named patient.

Sincerely,

Ioannis Papatiriu MD., PhD  
Head of molecular medicine dpt. of  
R.G.C.C.-RESEARCH GENETIC CANCER CENTRE S.A.

\*Be advised that any nutritional program suggested is not intended as a treatment for any disease. The intent of any nutritional recommendation is to support the physiological and biochemical processes of the human body, and not to diagnose, treat, cure, prevent any disease or condition. Always work with a qualified health care provider before making changes to your diet, prescription medication, lifestyle or exercise activities.

Mr./Ms.\_\_\_\_\_  
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Day, \_\_/\_\_/\_\_\_\_