

Cancer growth Inhibition

From the office of the Managing Director

In the perfect world it is better to prevent cancer growth than cure it.

This report shows that if we inject M.A.C into the mice and then try and obtain tumor growth by injection it will not occur.

Such a finding is very important as M.A.C has shown it kills cancer cells and in this case lung cancer cells.

The USA testing regime showed how M.A.C stopped many types of cancer growth (see attached)

If we find that we can repeat this result with breast cancer those who have a potential to have breast cancer growth can be protected by using M.A.C as a preventative it removes the option of breast removal to safe guard against such growth.

Our work will follow up on the original study to prove this point and hopefully we can achieve such an outcome.

How many cancer types we can prevent is yet to be determined but the results so far are extremely promising.

If by taking M.A.C. daily we can achieve that end who would not take that option to safe guard their health.

Regards

Professor Reynolds



Report about the inhibitory effects of MAC on lung cancer cells in SCID mice (2)

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1. Method:

There were three groups of mice, a control group and two experimental groups. Each group contains 4 SCID mice. On the back of each mouse, four lung cancer cells (1×10^5) were injected subcutaneously. In the negative control group 1, no medicine was injected. 3 weeks later, observation was made to see whether there were tumors developed on the back of the mice. In experimental groups, 20mg/kg and 60mg/kg MAC were injected peritoneally at the same time the tumor cells were injected. Then MAC was injected every 24 hrs and 3 weeks later, observation was made to see if there were tumors developed on the back of the mice from group 2 and group 3.

Then all mice were sacrificed by CO₂ asphyxiation and tumor, liver and lung samples from each group were taken, fixed, embedded and stained for assessments.

2. Results:

Table 1 Comparison between the two doses of control group and experimental groups been injected tumor cells for three weeks.

	Weight1	Weight2	Tumor1	Tumor2	Tumor3	Tumor4
Control1	18.1g	19.6g	4.2mm	3.6mm	3.7mm	4.0mm
Control2	18.7g	20.2g	3.6mm	3.3mm	4.1mm	4.0mm
Control3	19.2g	20.4g	3.8mm	4.2mm	4.0mm	3.2mm
Control4	18.6g	19.8g	4.1mm	3.9m	3.7mm	3.1mm
20mg 1	18.3g	19.4g	0mm	0mm	0mm	0mm
20mg 2	19.2g	20.7g	0mm	0mm	0mm	0mm
20mg 3	18.8g	20.4g	0mm	0mm	0mm	0mm
20mg 4	19.4g	21.2g	0mm	0mm	0mm	0mm
60mg 1	18.0g	19.3g	0mm	0mm	0mm	0mm
60mg 2	18.8g	19.5g	0mm	0mm	0mm	0mm
60mg 3	19.2g	20.5g	0mm	0mm	0mm	0mm
60mg 4	20.2g	21.6g	0mm	0mm	0mm	0mm

Weight 1: before tumor cell injection;
Weight 2: 3 weeks later

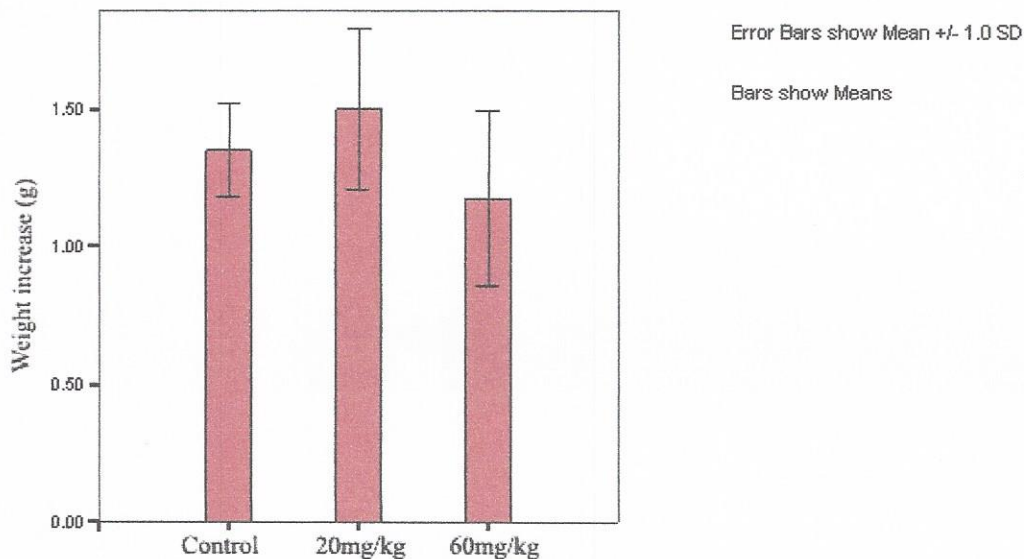


Figure 1. Weight varieties of three groups showed no significant difference after been injected tumor cells for three weeks. (One-way ANOVA test, $p=0.285$)

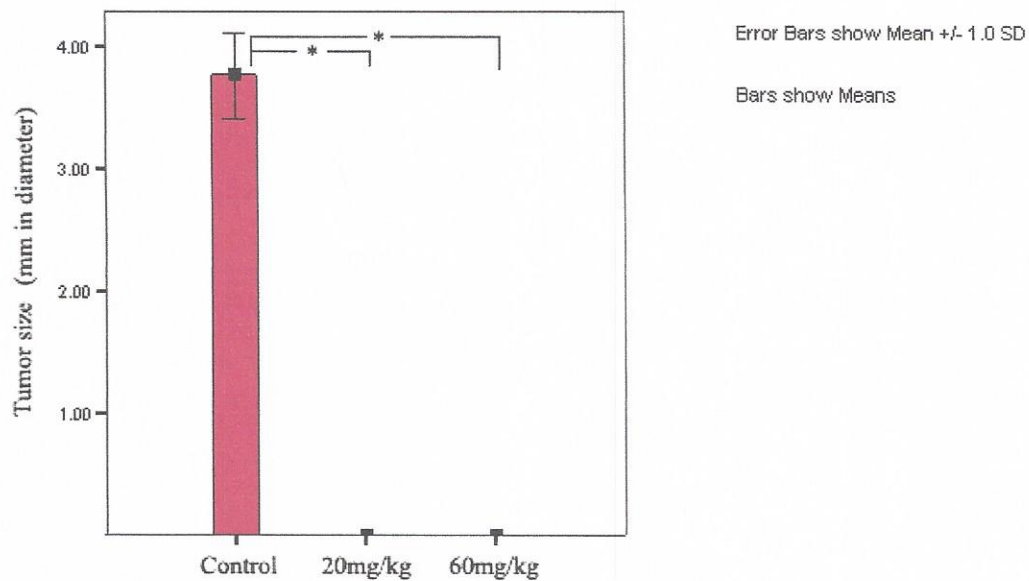


Figure 2. No tumor tissue was observed in 20mg and 60mg dose groups three weeks later. (One-way ANOVA test, $p < 0.001$)

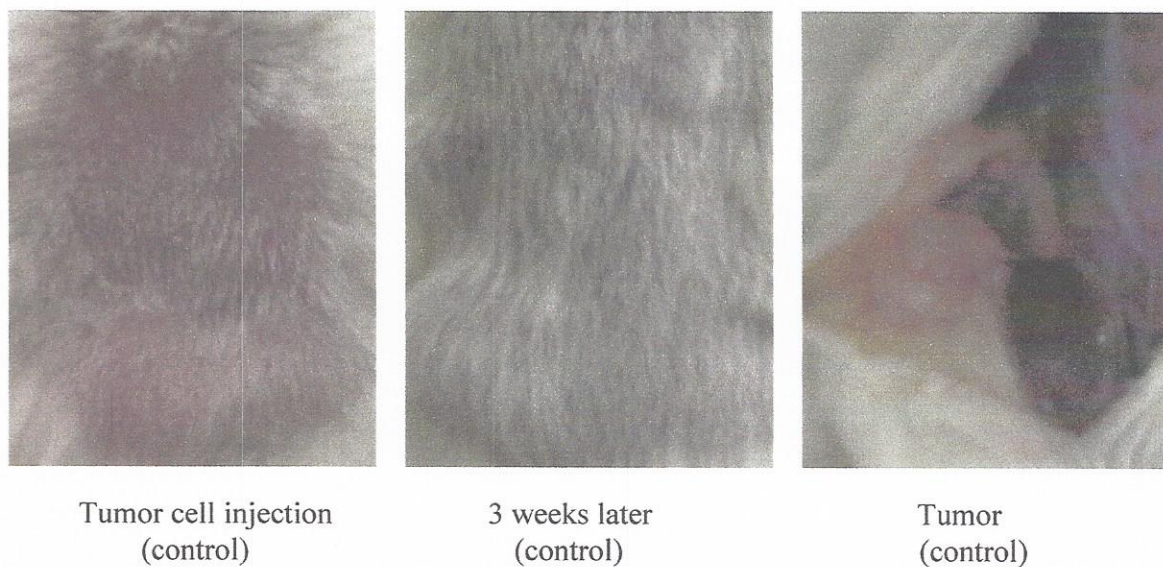


Figure 3. Tumor tissues of control group grew normally three weeks later, which can be observed clearly on the skin surface and subcutaneous area of mouse.

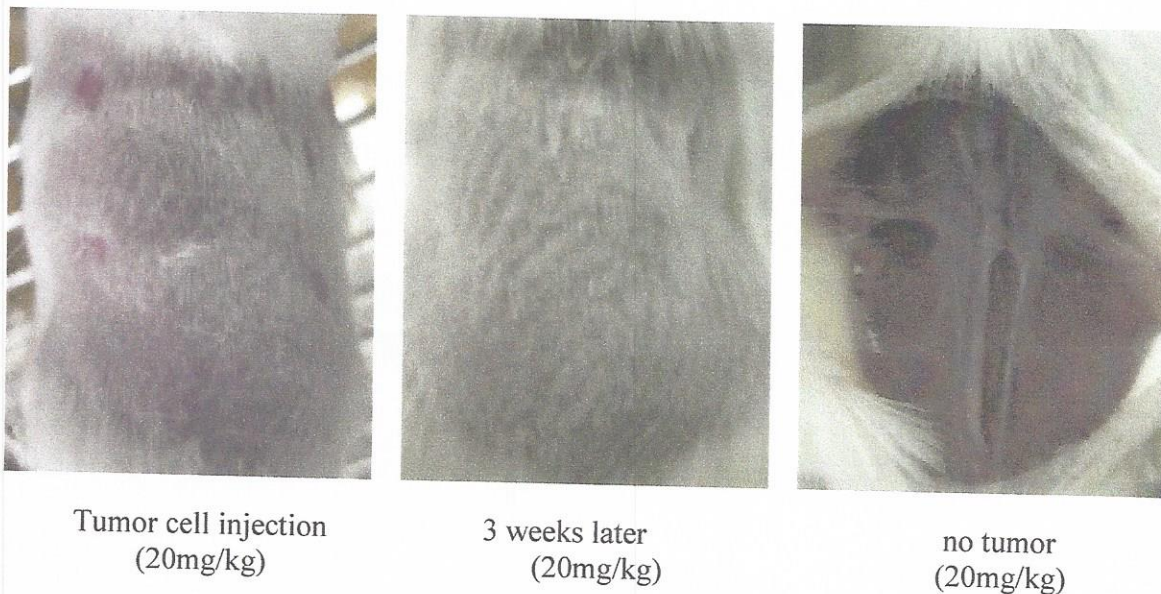


Figure 4. There was not any tumor-like tissue observed on the 20mg/kg MAC experimental group three weeks later.

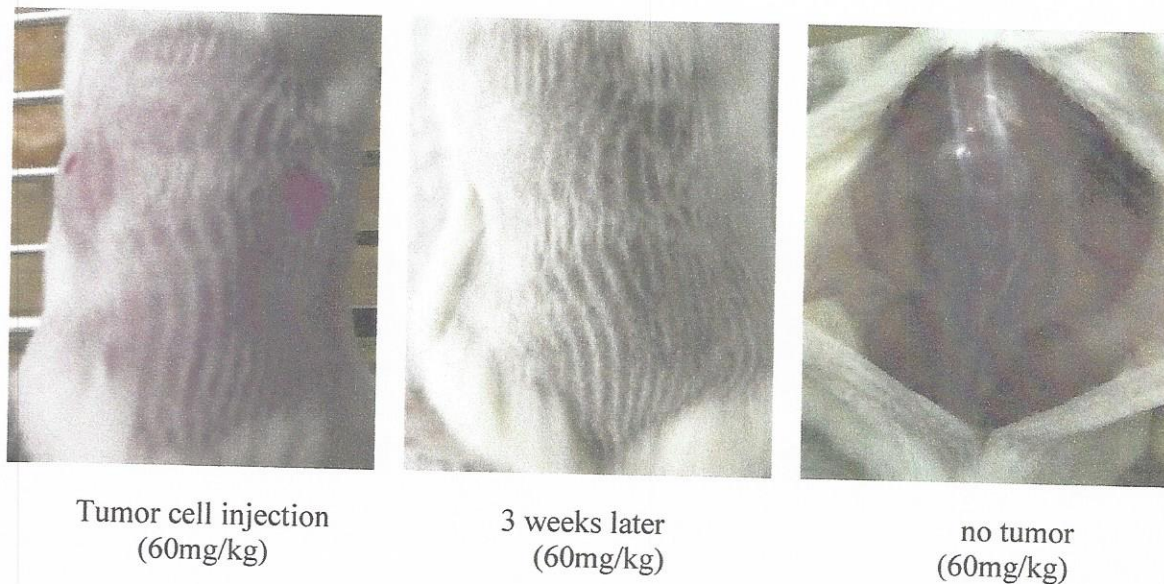


Figure 5. Results exhibited no tumor can be found on the skin surface and subcutaneous area of 60 mg/kg MAC experimental group.

3. Conclusions:

Based on the findings from this in vivo test on SCID mice, it could be concluded that both dosages (20mg and 60mg/kg) of MAC, when injected simultaneously with lung cancer cells, may have preventive and inhibitory effects on this kind cancer cell growth.

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One Dose Mean Graph

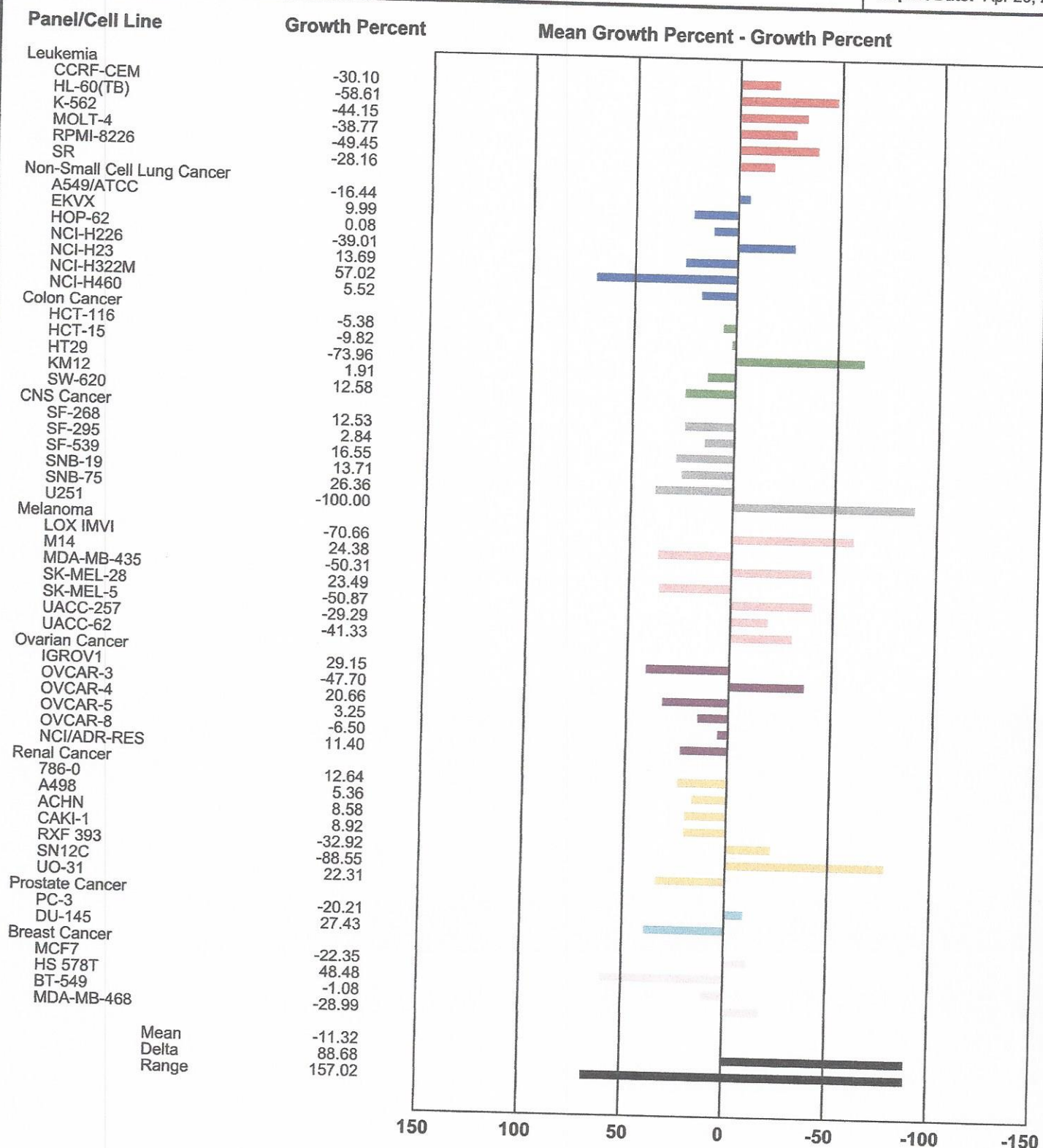
NSC: D-N192128 / 1

Conc: 1.00E1 ug/ml

Test Date: Mar 07, 2011

Experiment ID: 1103OS16

Report Date: Apr 26, 2011



10% MAC water solubilised Melaleuca Alternifolia Concentrate

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One Dose Bar Graph

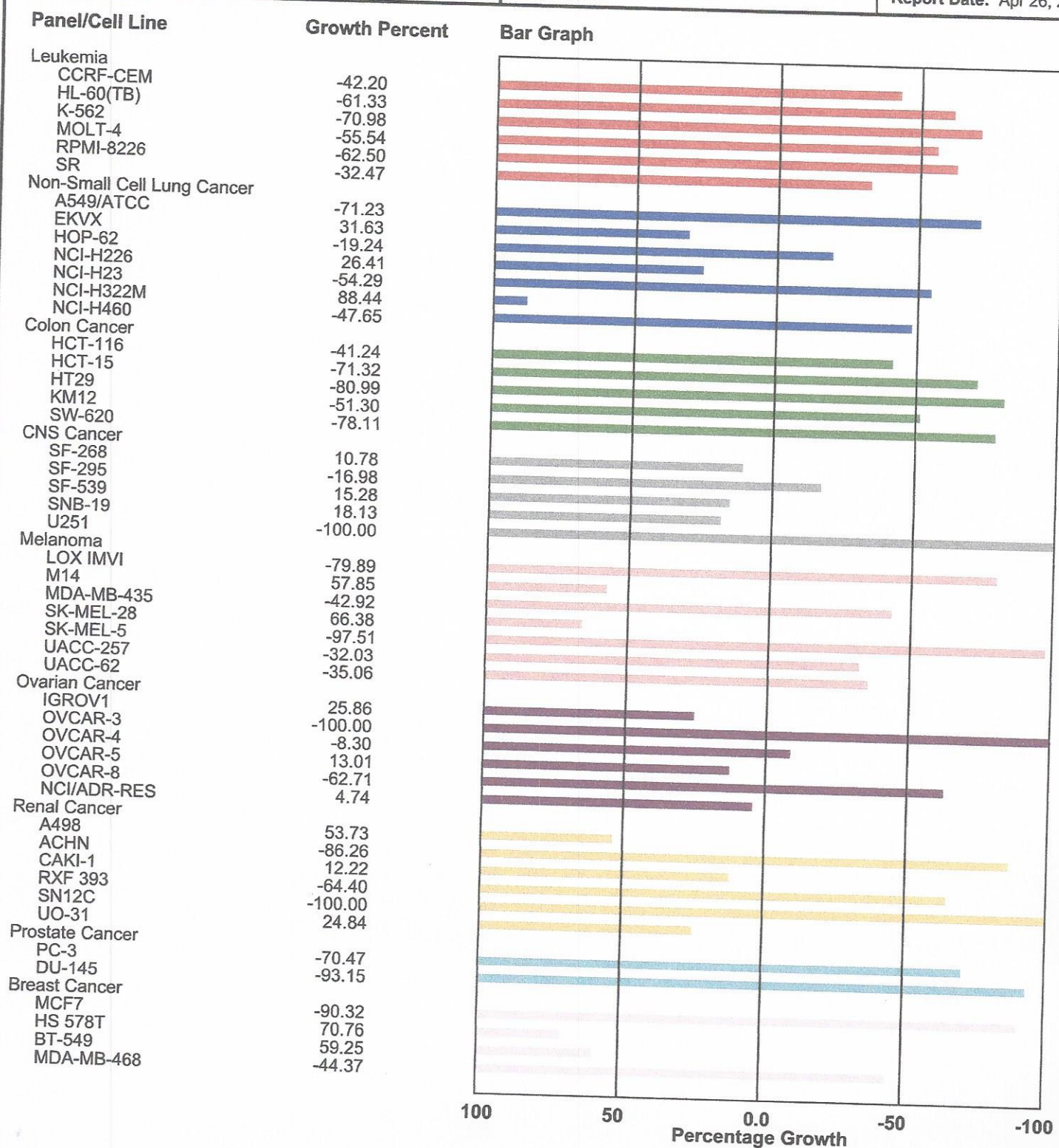
NSC: D-N192129 / 1

Conc: 1.00E2 ug/ml

Test Date: Mar 07, 2011

Experiment ID: 1103OS16

Report Date: Apr 26, 2011



100% MAC water solubilised Melaleuca Alternifolia Concentrate