

Animals of the control group (CG), inoculated with non –exposed to EMF sarcoma cells, developed tumors at the site of inoculation, which were histologically identified as spindle cells sarcomas. Mean survival time (MST) of the tumor bearing animals of this group was $22 \pm 4,9$ days after inoculation, while mean tumor weight was $84,9 \pm 22.1$ gr and the median tumor growth rate (TGR) was 3.85 ± 0.9 gr/day.

On the other hand in the experimental group (EG) tumor induction was also 100%, but mean survival time was $46 \pm 17,9$ days. The median weight of tumors was $89,7 \pm 27,7$ gr and median tumor growth rate $1,9 \pm 0,9$ gr/day. The histological type of all tumors was spindle cells sarcomas. Moreover 7 out of 10 animals (70%) of the CG manifested lung metastases in contrast to 4 out 10 animals (40%), which possessed lung metastases. Statistical evaluation revealed a statistically significant difference in mean survival time and tumor growth rate between the two groups and a not significant difference in mean tumor weights (table 1).

Moreover at the 30th after cell inoculation) none of the animals of the control group(CG) was surviving (the first animal died at the 14th day and the last in the 30th day), while 8 .animals out 10 of the experimental group were still alive and in good condition in the 30th day and the last one died in the 72th day after cell inoculation (see also death rate curve figure).

Table 1:

	CONTROL GROUP	EXPERIMENTAL GROUP
MST (days)	$22 \pm 4,9^*$	$46,5 \pm 17,9^*$
MTW(grams)	$84,9 \pm 22,1$	$89,7 \pm 27,7$