

Supplementary Data

SUPPLEMENTARY TABLE S1. FOLLICLE NUMBER AND SURVIVAL VERSUS CULTURE TIME

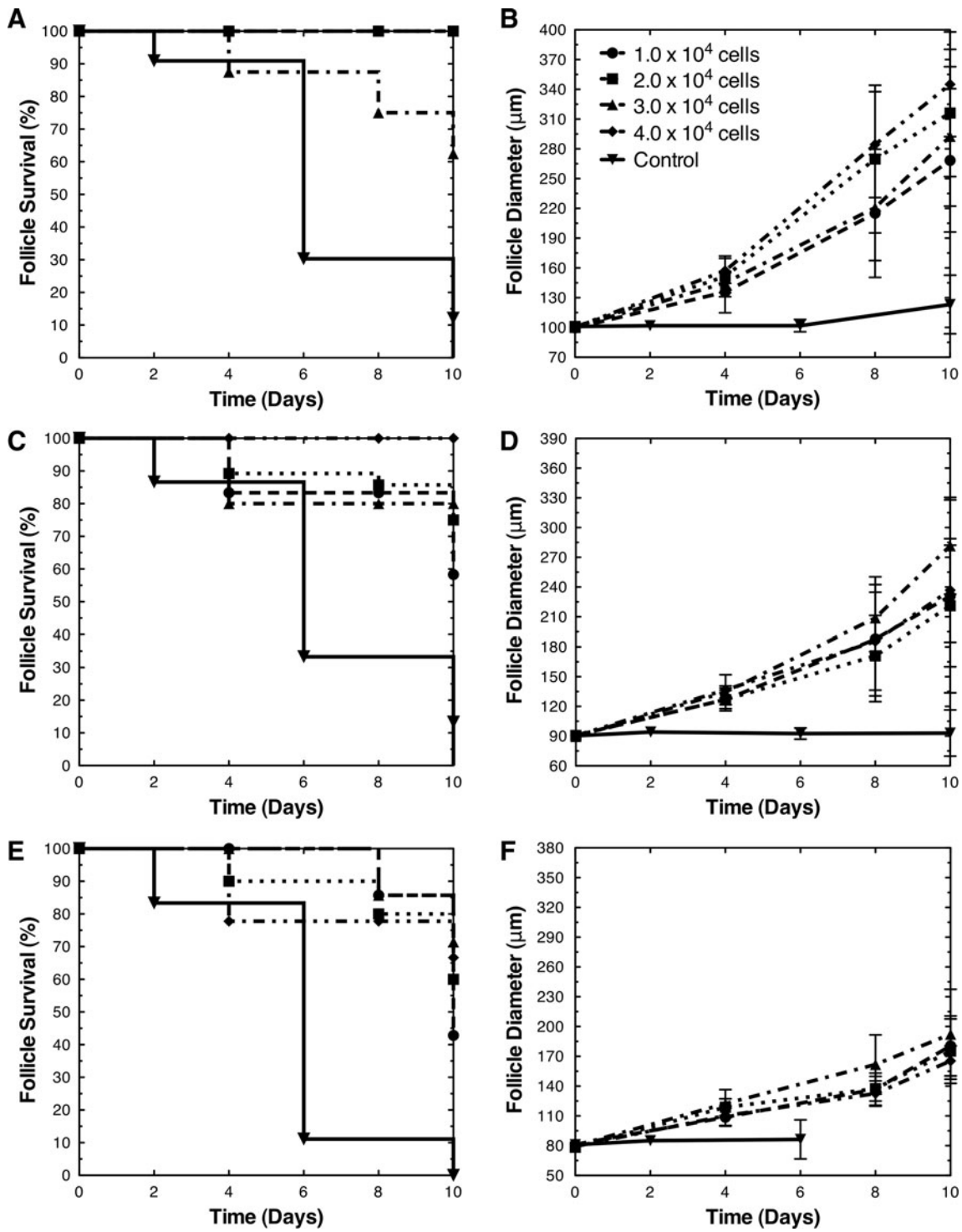
<i>Follicle size (μm)</i>	<i>MEFs (cells/well)</i>	<i>Day 0, n</i>	<i>Day 4, n (%)</i>	<i>Day 8, n (%)</i>	<i>Day 10, n (%)</i>
100	1.0×10^4	11	11 (100)	11 (100)	11 (100)
	2.0×10^4	13	13 (100)	13 (100)	13 (100)
	3.0×10^4	8	7 (88)	6 (75)	5 (63)
	4.0×10^4	5	5 (100)	5 (100)	5 (100)
90	1.0×10^4	12	10 (83)	10 (83)	7 (58)
	2.0×10^4	28	25 (89)	24 (86)	21 (75)
	3.0×10^4	5	4 (80)	4 (80)	4 (80)
	4.0×10^4	6	6 (100)	6 (100)	6 (100)
80	1.0×10^4	7	7 (100)	6 (86)	3 (43)
	2.0×10^4	10	9 (90)	8 (80)	6 (60)
	3.0×10^4	7	7 (100)	6 (86)	5 (71)
	4.0×10^4	9	7 (78)	7 (78)	6 (67)

MEF, mouse embryonic fibroblast.

SUPPLEMENTARY TABLE S2. GROWTH OF SURVIVING FOLLICLES VERSUS CULTURE TIME

<i>Follicle size (μm)</i>	<i>MEFs (cells/well)</i>	<i>Day 0 (μm)</i>	<i>Day 4 (μm)</i>	<i>Day 8 (μm)</i>	<i>Day 10 (μm)</i>
100	1.0×10^4	100 ± 3	136 ± 22	215 ± 65	268 ± 72
	2.0×10^4	101 ± 3	152 ± 22	270 ± 74	316 ± 64
	3.0×10^4	100 ± 2	145 ± 10	221 ± 53	293 ± 70
	4.0×10^4	100 ± 2	157 ± 13	284 ± 53	345 ± 53
90	1.0×10^4	91 ± 3	127 ± 12	188 ± 63	231 ± 97
	2.0×10^4	91 ± 3	127 ± 9	171 ± 40	221 ± 61
	3.0×10^4	90 ± 3	135 ± 6	209 ± 34	282 ± 49
	4.0×10^4	91 ± 2	137 ± 15	186 ± 49	237 ± 52
80	1.0×10^4	81 ± 3	109 ± 9	137 ± 16	181 ± 30
	2.0×10^4	79 ± 5	119 ± 9	138 ± 13	175 ± 33
	3.0×10^4	80 ± 4	122 ± 14	162 ± 30	192 ± 45
	4.0×10^4	79 ± 4	110 ± 10	133 ± 13	165 ± 15

Diameter presented as mean \pm standard deviation.



SUPPLEMENTARY FIG. S1. Follicle survival and growth vs. mouse embryonic fibroblast (MEF) concentration. Follicle survival and growth (diameter mean ± standard deviation) as a function of MEF seeding concentration ($1.0\text{--}4.0 \times 10^4$ cells/well): (A, B) $100\ \mu\text{m}$, (C, D) $90\ \mu\text{m}$, and (E, F) $80\ \mu\text{m}$. No statistical differences or trend in follicle survival and growth were observed; all concentrations were equally effective at enhancing the survival and growth of all follicles sizes.