

General Info

Experiment ID: ex100927_2SpOT.1
 Date of Culture: 27 Aug 2010
 Type of Culture: 2 Spinal Organotypic
 Date of Lesion: 13 Sep 2010
 Treatment: none
 Date of Recording: 27 Sep 2010

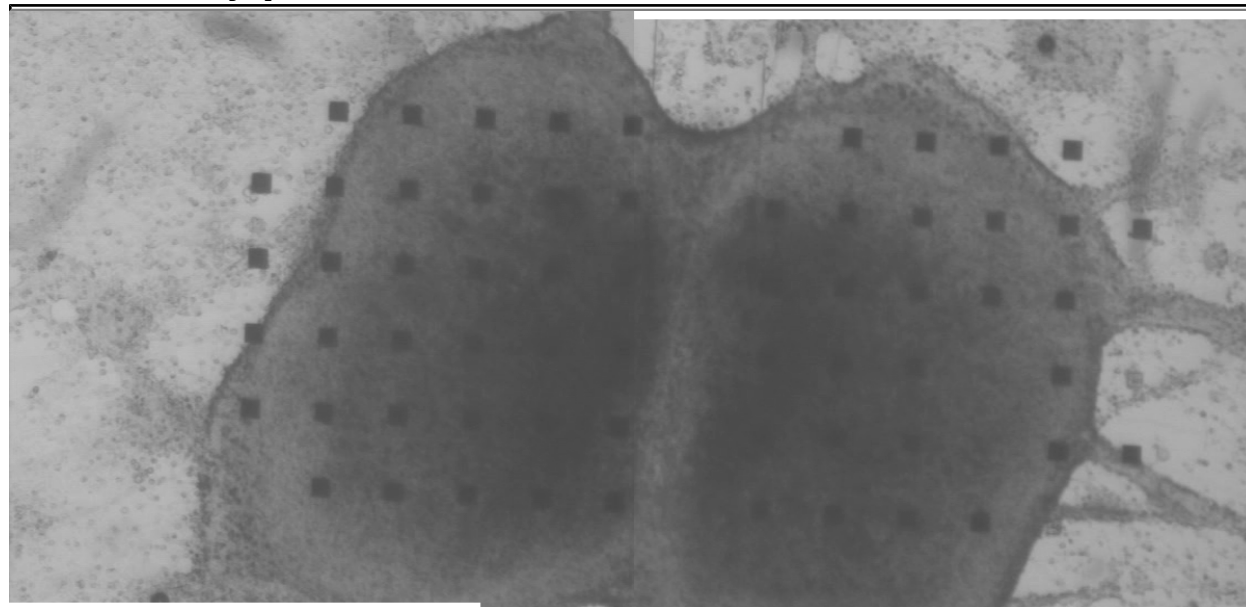
Recording Settings

Recording Channels: 3, 5, 7, 8, 13, 14, 15, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 39, 40, 41, 42, 44, 45, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

	1	x	62	59	56		55	52	49	x	46	
4	2	0	63	60	57		54	51	48	47	45	43
6	5	3	7	61	58		53	50	40	44	42	41
9	10	12	8	18	21		26	29	39	35	37	38
11	13	15	16	19	22		25	28	31	32	34	36
	14	x	17	20	23		24	27	30	x	33	

During channel selection, I didn't see any bursts. So I just selected all channels that had portions of the culture over it and had low noise levels. Eventually it did start bursting, but was quite infrequent.

Culture-MEA Photograph



Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100927_2SpOT.1/

Real Time	Treatment	Filename	Notes
	normal extracellular solution	DATA0.SCL	
	normal extracellular solution	DATA01.SCL	

11:25-11:35	1uM strychnine, 10uM gabazine	DATA02.SCL	a lot more bursting, but doesn't seem correlated
11:40-11:50	1uM strychnine, 10uM gabazine, 10uM CNQX, 50uM APV	DATA03.SCL	