

### General Info

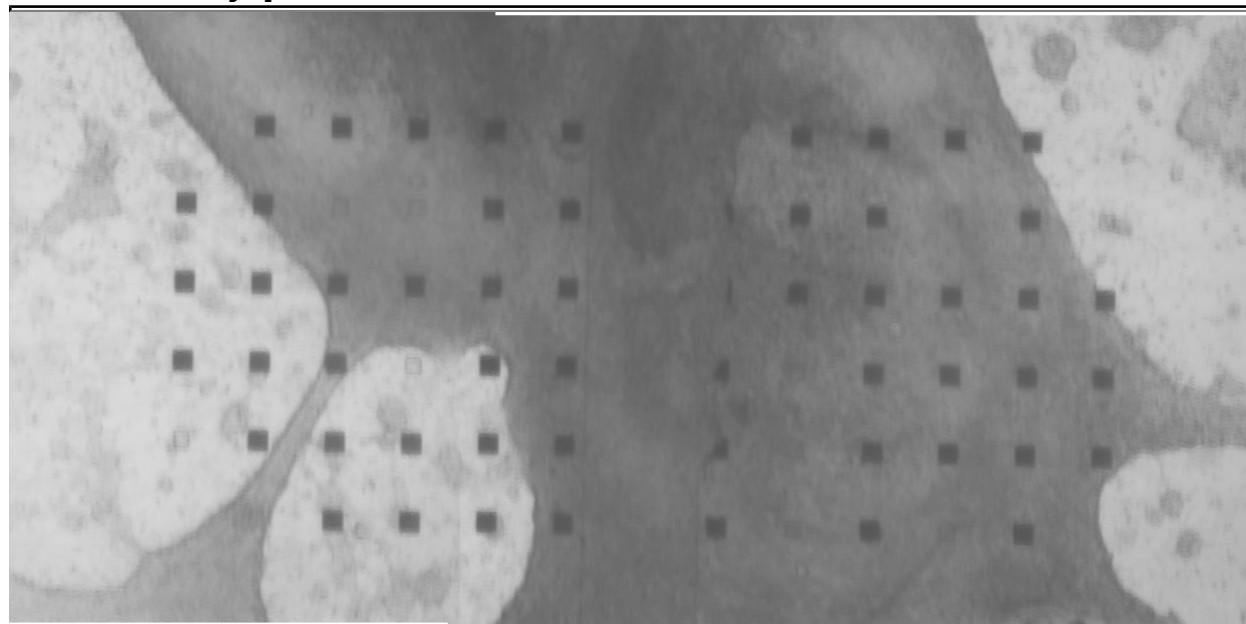
Experiment ID: ex100923\_2SpOT.1  
 Date of Culture: 18 Aug 2010  
 Type of Culture: 2 Spinal Organotypic  
 Drug Applied: CNQX + APV  
 Date & Time Applied: 21-Sep-2010, 15:00  
 Date & Time of Recording: 23-Sep-2010, 15:10

### Recording Settings

Recording Channels: 1, 2, 3, 7, 12, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 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	

### Culture-MEA Photograph



### Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100923\_2SpOT.1/

Real Time	Treatment	Filename	Notes
15:20-15:30	10uM CNQX, 50uM APV	DATA0.SCL	
15:25-15:35	10uM CNQX, 50uM APV	DATA01.SCL	
15:50-16:00	normal extracellular solution	DATA02.SCL	washed twice, with 3x rinses each time and 7 minutes between; super active; drifting offset
16:03-16:13	normal extracellular solution	DATA03.SCL	

16:18-16:23	0.5uM TTX	DATA04.SCL	I put in TTX and let it sit for 5min, then recorded for 5min. I'm adding this step as a validation technique for the spike detector (i.e. spike detection shouldn't pick up any spikes when sodium channels are blocked).
-------------	-----------	------------	---