

General Info

Experiment ID: ex100907_2SpOT.1
Date of Culture: 30 Jul 2010
Type of Culture: 2 Spinal Organotypic
Date of Lesion: 19 Aug 2010
Treatment: none
Date of Recording: 07 Sep 2010

Recording Settings

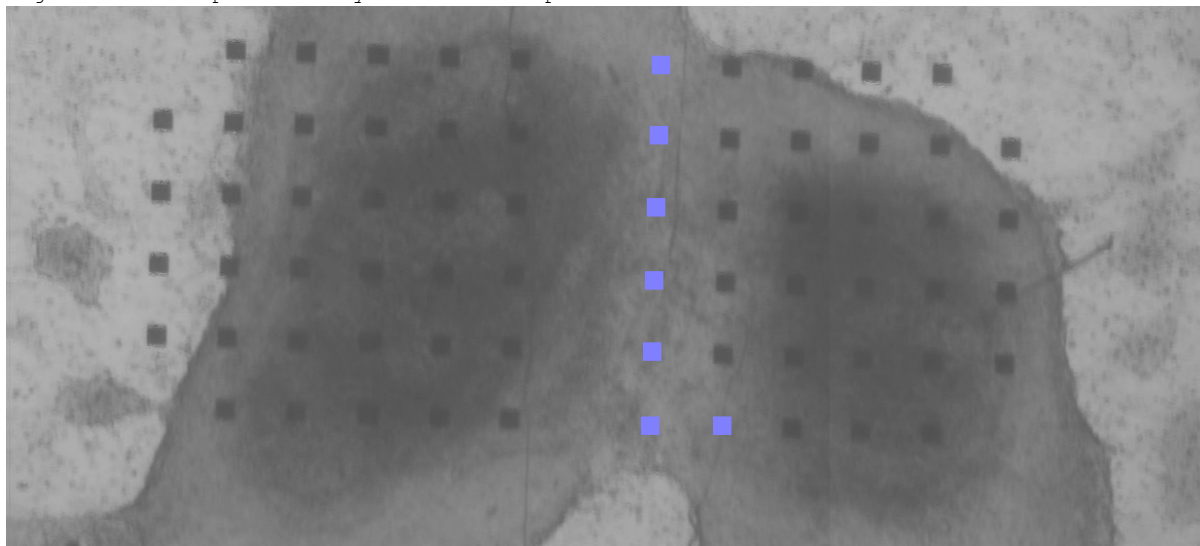
Recording Channels:

9, 13, 14, 15, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 44, 45, 47, 48, 49, 50, 51, 52, 53, 56, 57, 58, 59, 60, 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

This MEA was pretty crappy. Several electrodes completely missing (indicated by lavender square in image) and over 50% of the contacts for the pre-amp connection were missing or severely damaged. I don't particularly trust this experiment.



Details

The media in this culture was rather yellowish. Also, many of the electrode leads looked terrible.

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100907_2SpOT.1/

Real Time	Treatment	Filename	Notes
12:03-12:13	normal extracellular solution	DATA0.SCL	bursts on both sides, but much more on right side of array.
12:14-12:24	normal extracellular solution	DATA01.SCL	
12:35-12:45	1uM strychnine, 10uM gabazine	DATA02.SCL	
13:01-13:11	1uM strychnine, 10uM gabazine, 10uM CNQX, 50uM APV	DATA03.SCL	offset is quite unstable on left side

