

General Info

Experiment ID: ex100908_2SpOT.1
Date of Culture: 04 Aug 2010
Type of Culture: 2 Spinal Organotypic
Date of Lesion: 26 Aug 2010
Treatment: erythropoietin
Date of Recording: 08 Sep 2010

Recording Settings

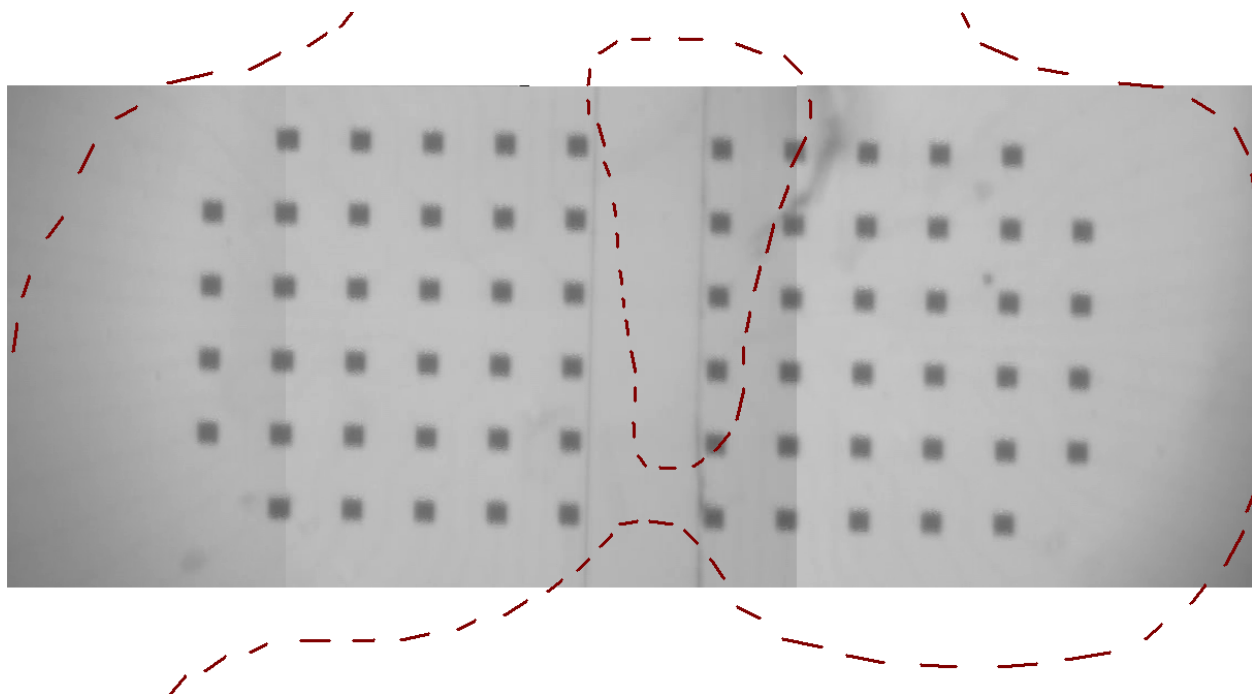
Recording Channels:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 27, 28, 32, 33, 35, 36, 37, 38, 40,
41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 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	

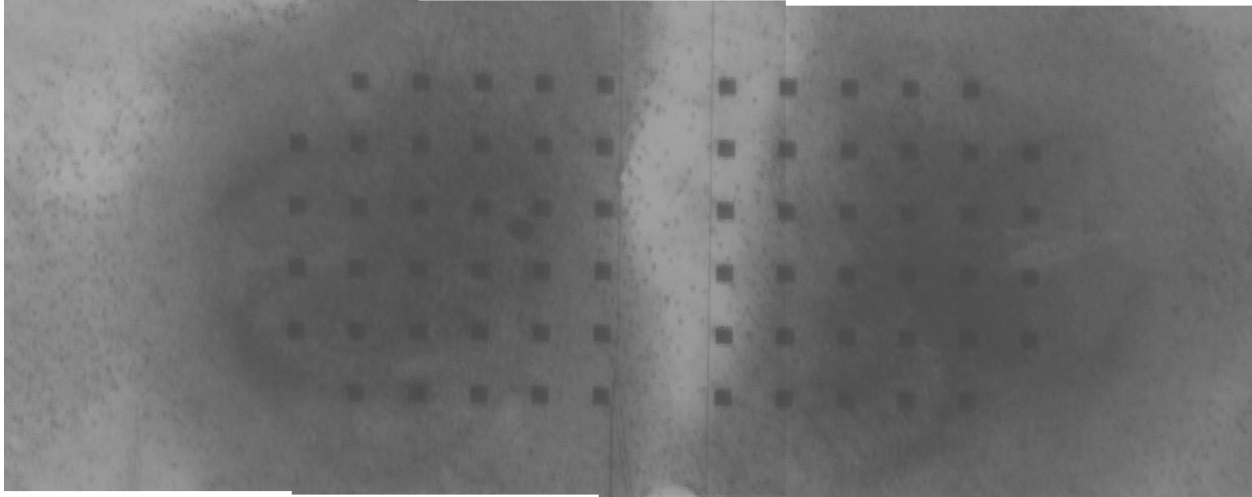
Culture-MEA Photograph

This array looks awesome. Didn't have filters to take a picture, but this is my drawing on a blank array... The lesion doesn't seem to have healed much at all.



Culture-MEA Photograph (cont.)

I ended up getting the filters back, so I took a photo at the end of the experiment:



Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100908_2SpOT.1/

Real Time	Treatment	Filename	Notes
12:53-13:03	normal extracellular solution	DATA0.SCL	Activity, especially on the left side, looks great and noise is low. I trust this data moreso that previous recordings.
13:05-13:15	normal extracellular solution	DATA01.SCL	
13:26-13:36	1uM strychnine, 10uM gabazine	DATA02.SCL	
13:42-13:52	1uM strychnine, 10uM gabazine, 10uM CNQX, 50uM APV	DATA03.SCL	