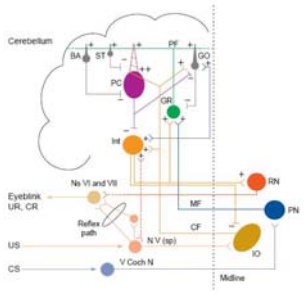
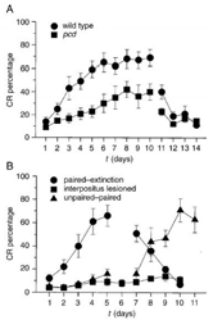
Cerebellar Circuits and Synaptic Mechanisms Involved in Classical Eyeblink Conditioning.

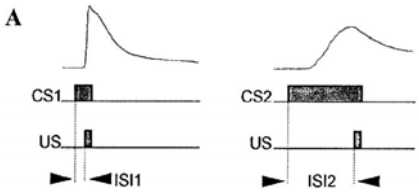
TINS, 20:4 (1997), Jeansok J. Kim and Richard F. Thompson.

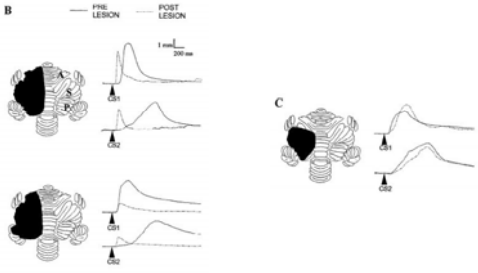


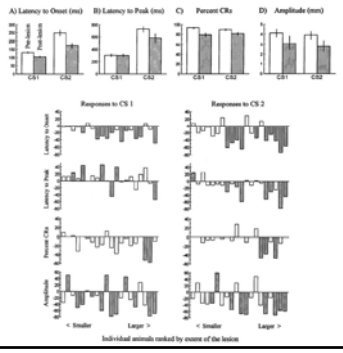


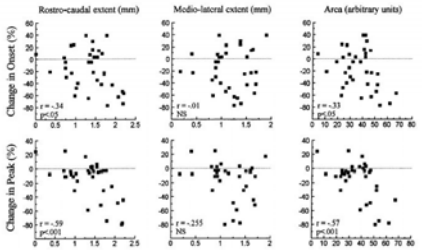
Cerebellar Cortex Lesions Disrupt Learning-dependent Timing of Conditioned Eyelid Responses.

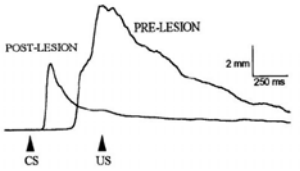
Journal of Neuroscience, 13:4 (1993), Stephen P. Perrett, Blenda P. Ruiz, and Michael D. Mauk.

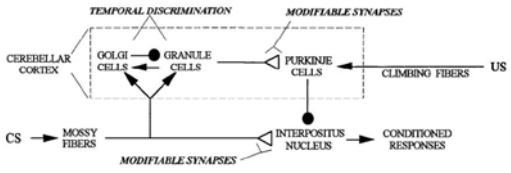






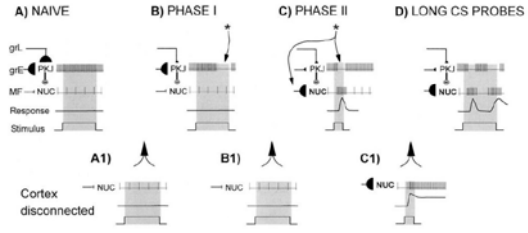


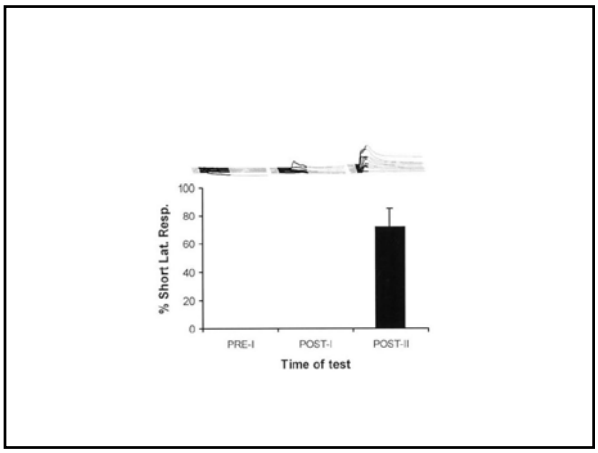


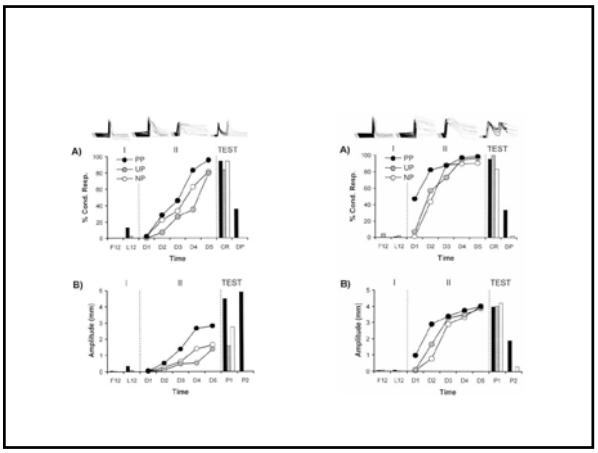


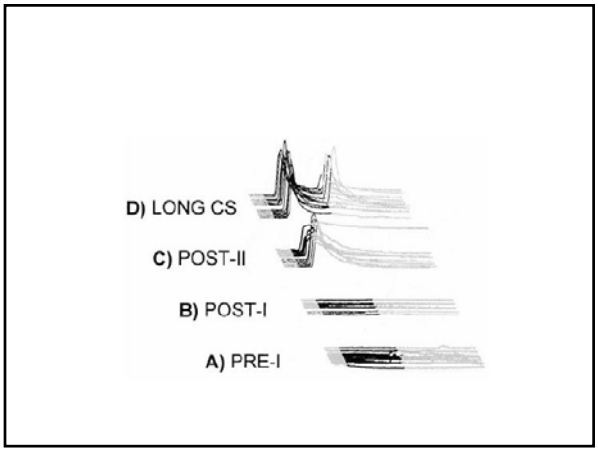
Latent Acquisition of Timed Responses in Cerebellar Cortex.

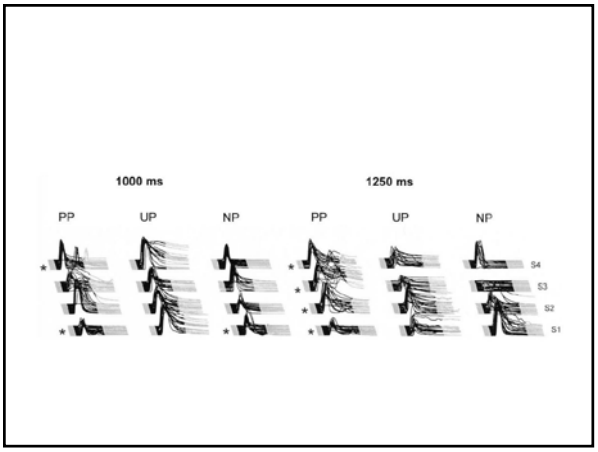
Journal of Neuroscience, 21:2 (2001), Tatsuya Ohyama and Michael D. Mauk.

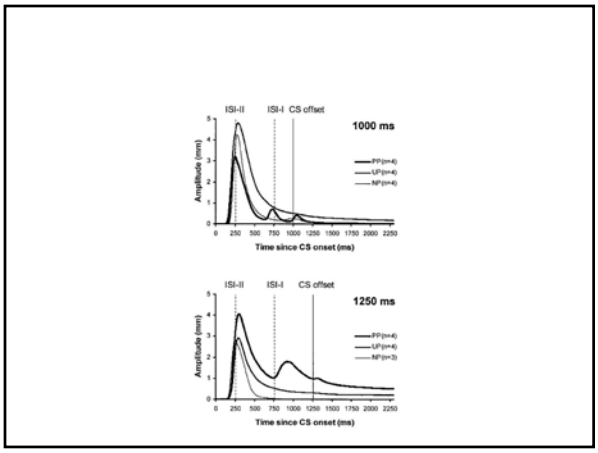


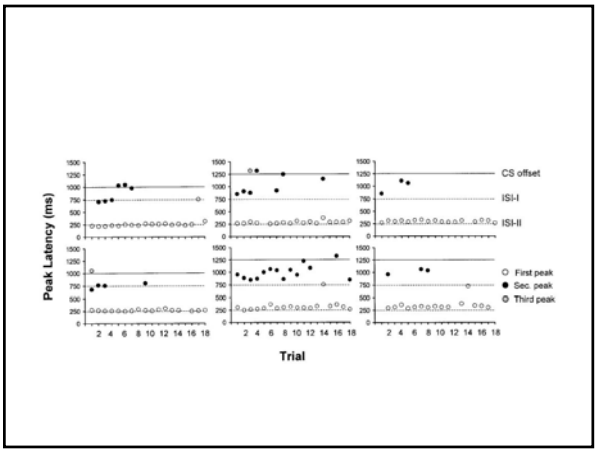

% Short Lat. Resp.
100
80
60
40
20
0
PRE-I
POST-I
POST-II
Time of test


A)
I
II
TEST
PP
UP
NP
% Cond. Resp.
Time
B)
Amplitude (mm)


D) LONG CS
C) POST-II
B) POST-I
A) PRE-I


1000 ms
1250 ms
PP
UP
NP
S4
S3
S2
S1


ISI-II
ISI-I
CS offset
1000 ms
1250 ms
Amplitude (mm)
Time since CS onset (ms)


Peak Latency (ms)
CS offset
ISI-I
ISI-II
First peak
Sec. peak
Third peak
Trial