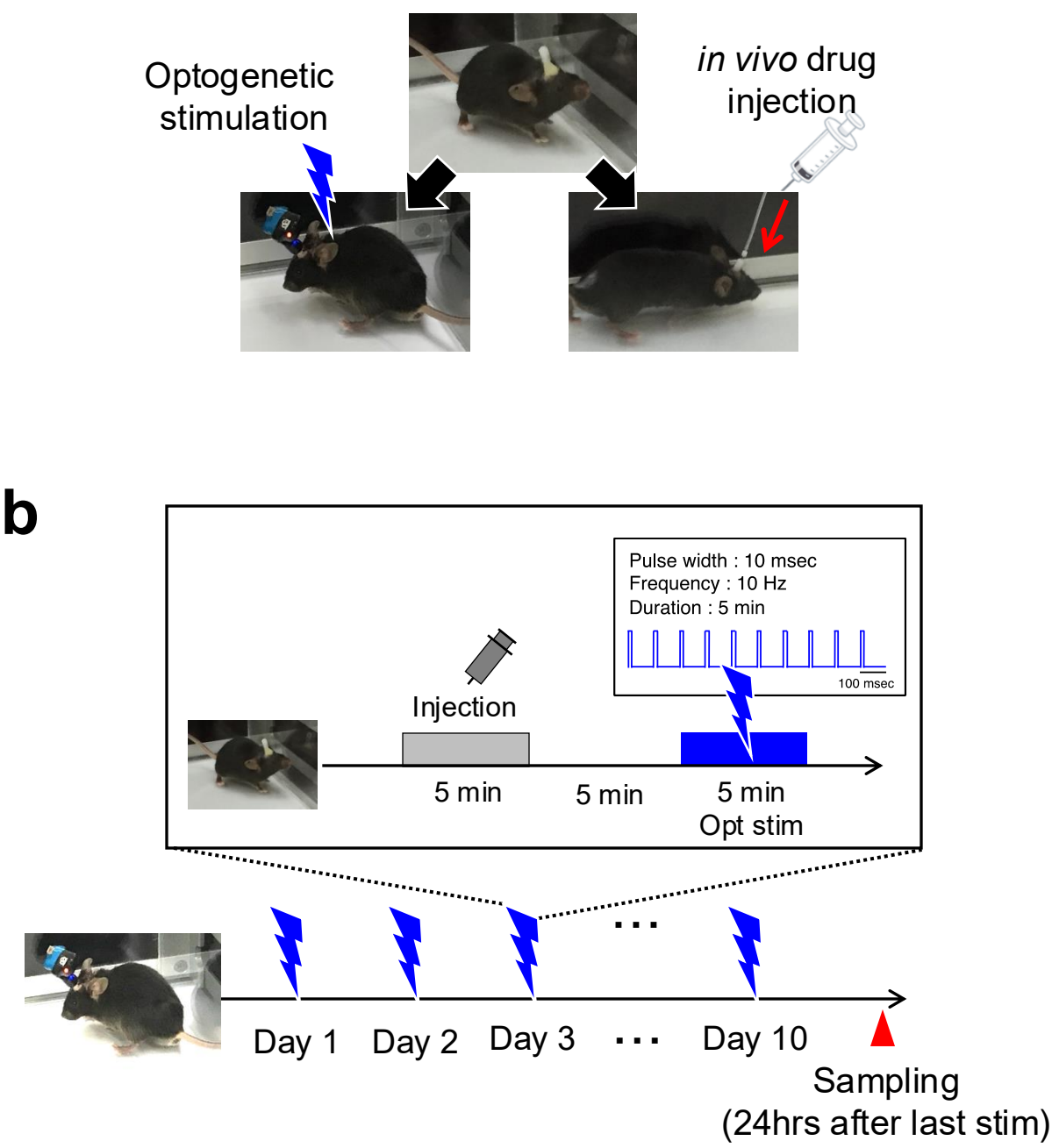
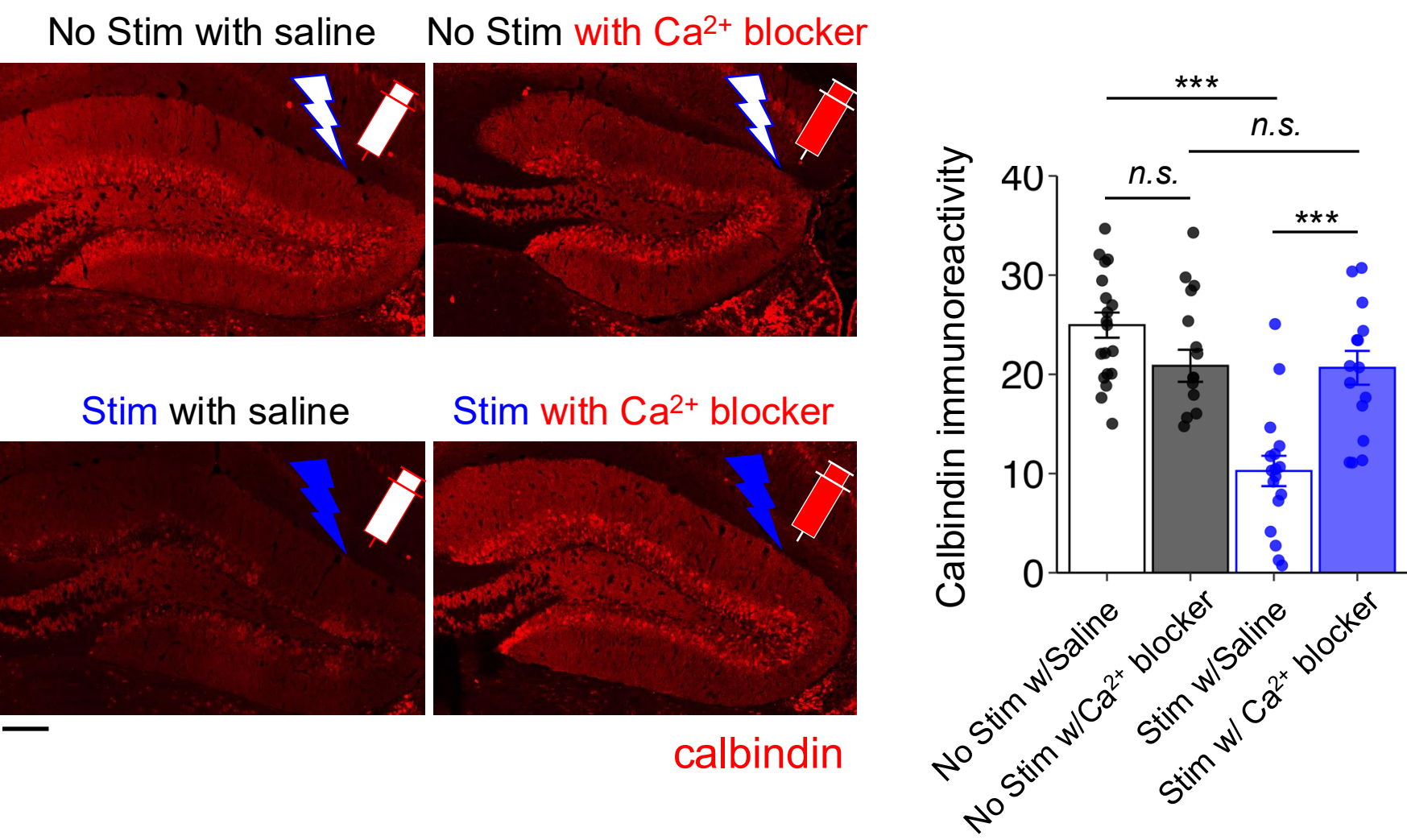


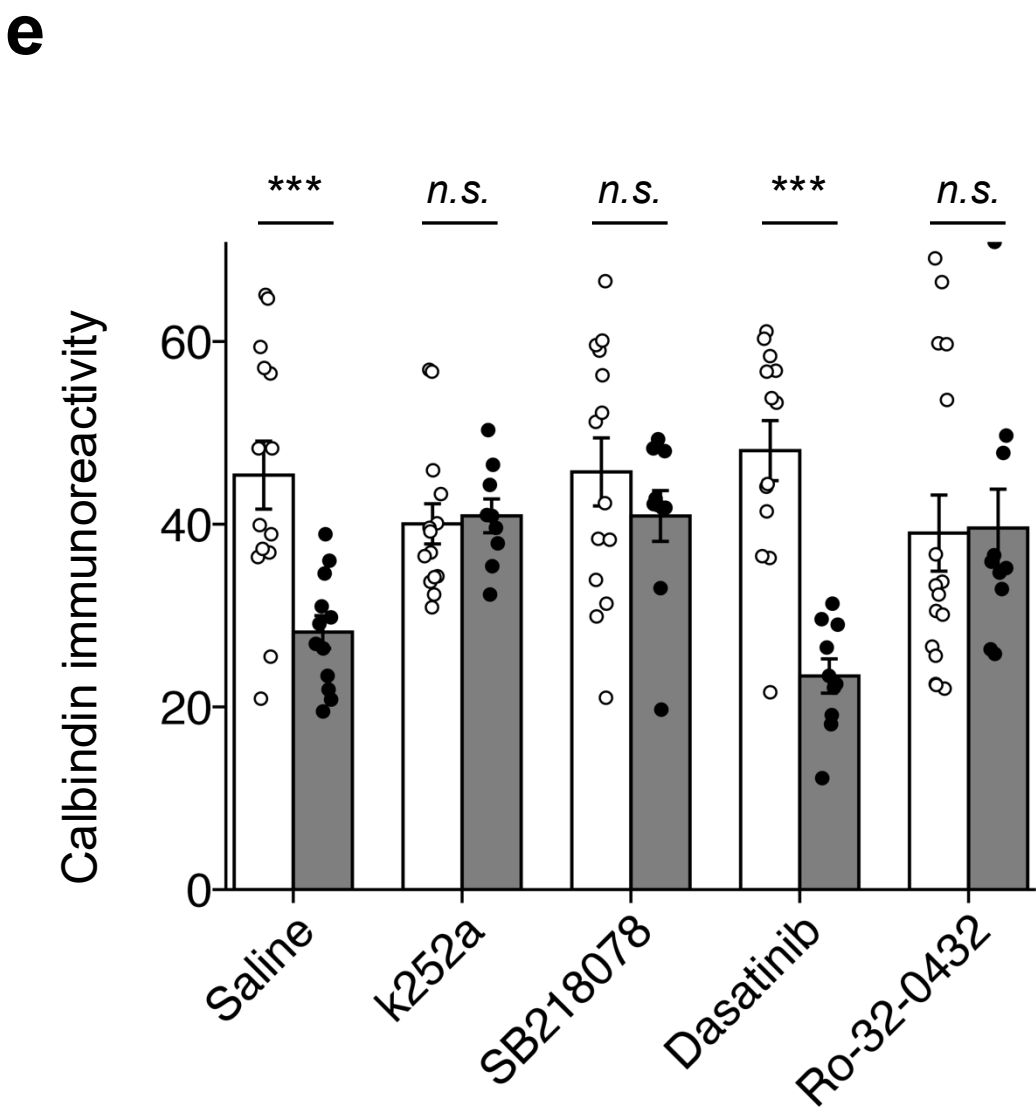
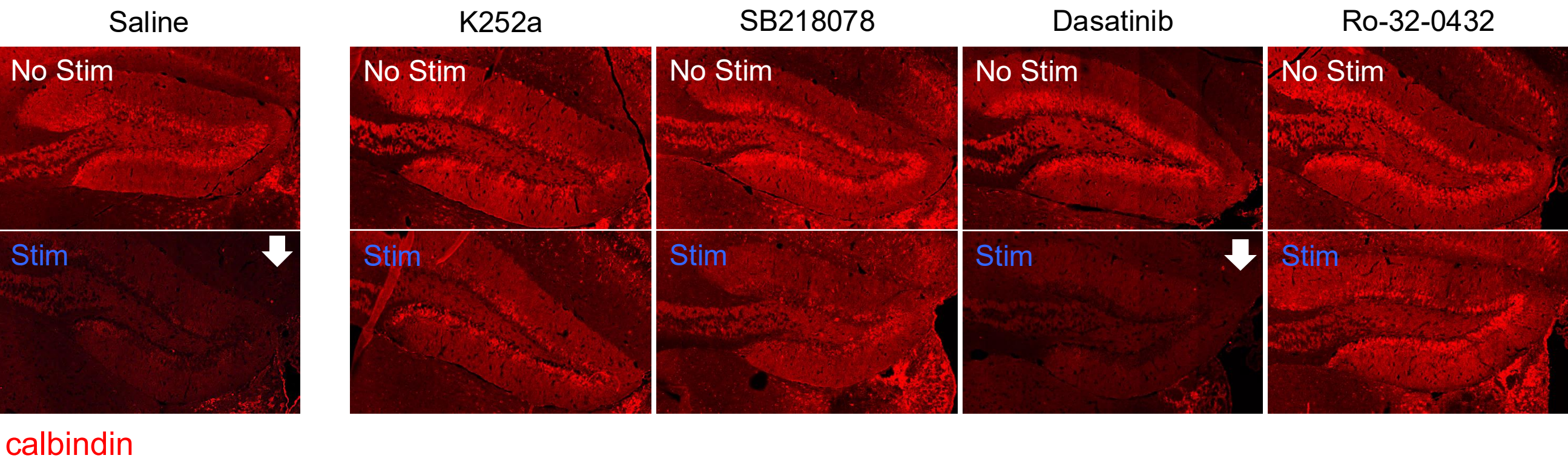
a Optofluidic Neural Probe



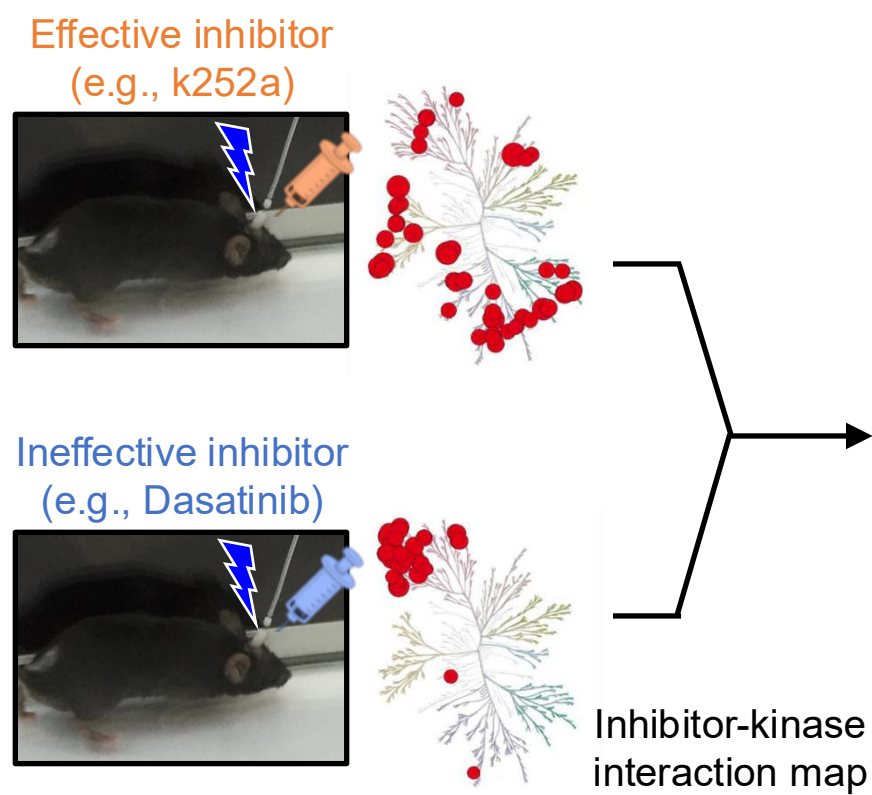
c Inhibition of Ca^{2+} influx



d Inhibition of kinase activity



f Selection of candidate kinases based on inhibition spectrum



Rank	Candidate kinase	score
1	RSK2	97.2
2	RSK4	97.1
3	RSK1	90.3
4	RSK3	90.3
5	PKN1/PRK1	83.0
6	PKCd	80.5
7	p70S6K/RPS6KB1	80.0
8	GSK3a	77.7
9	PKCa	76.3
10	MSK1/RPS6KA5	75.2
11	PKCb2	75.1
12	PKCb1	72.5
13	PKCepsilon	71.6
14	MSK2/RPS6KA4	66.7
15	CDK9 cyclin K	56.5
16	PKCtheta	54.1
17	PKCeta	52.4
18	GSK3b	46.9
19	GRK7	46.6
20	PKCg	46.0
21	CDK9/cyclin T1	44.5
22	CDK1/cyclin B	40.2
23	PIM1	36.8
24	FLT3	33.9
25	GRK6	33.6