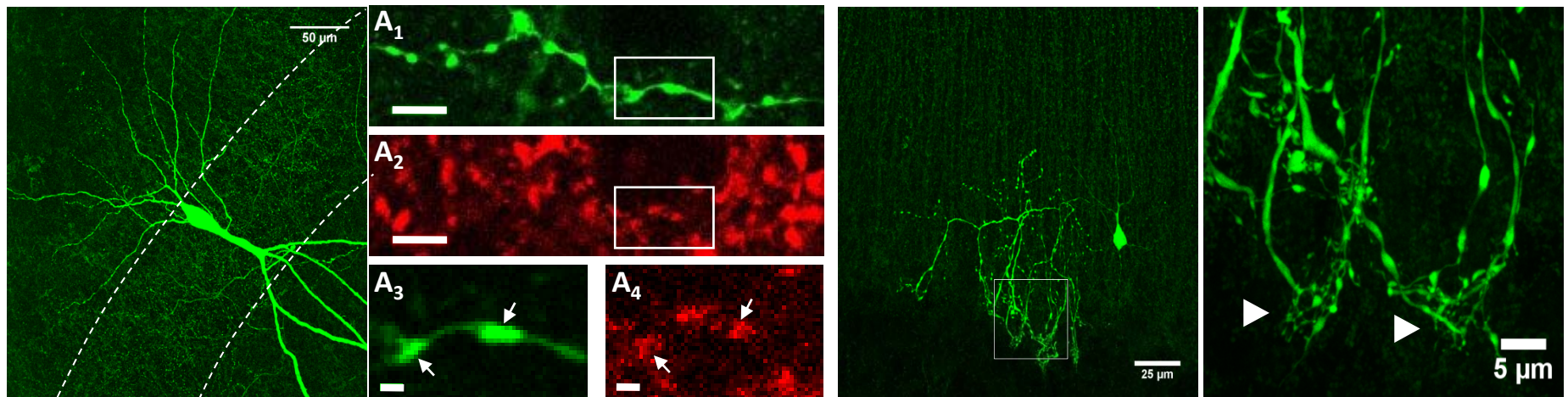
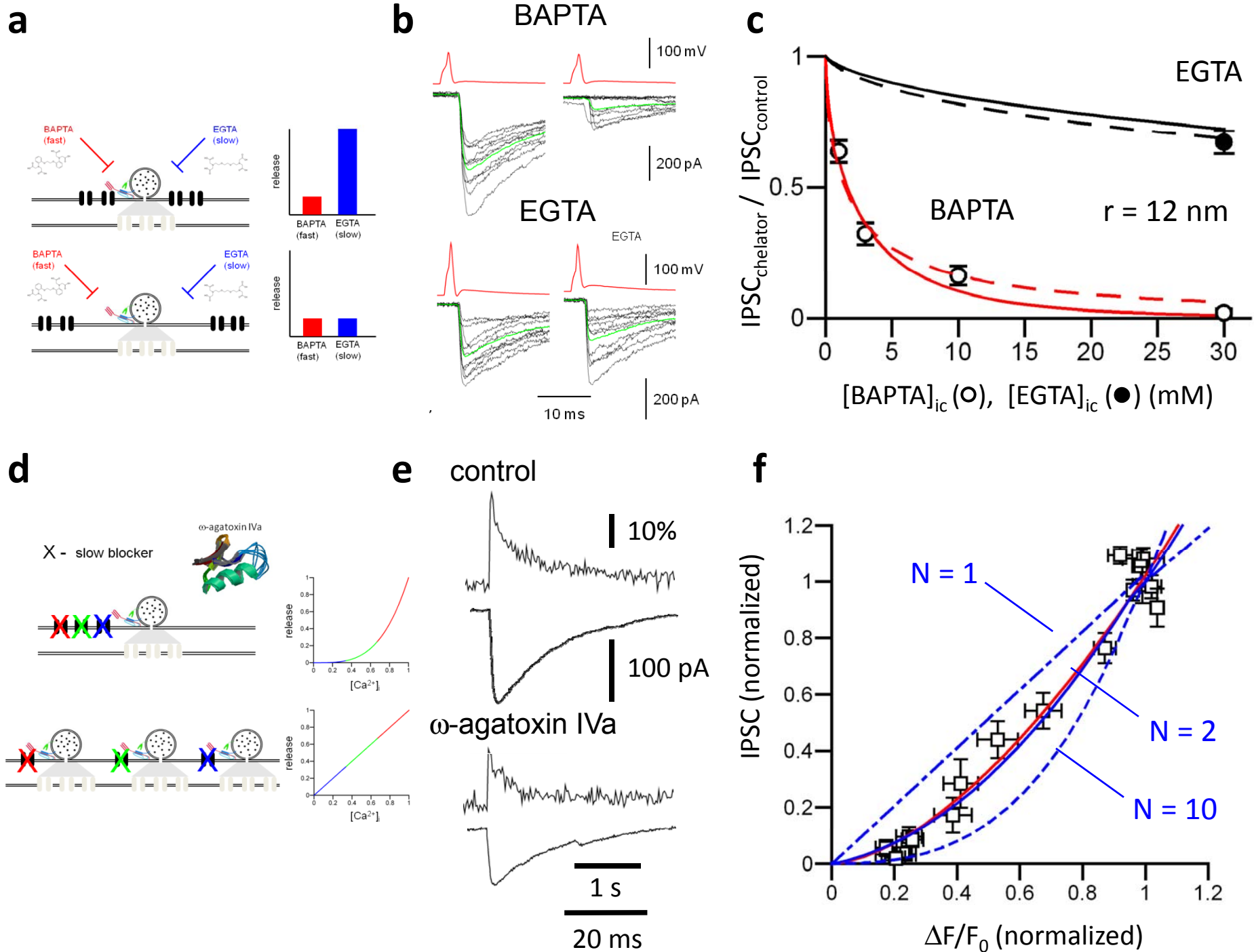
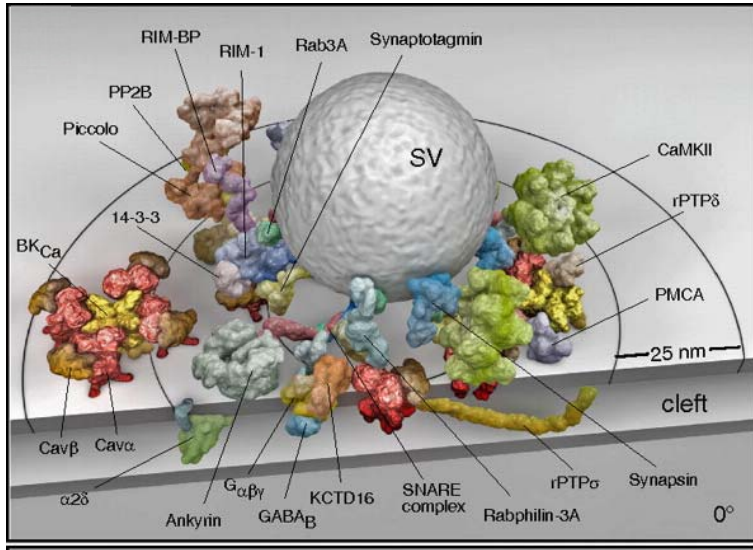
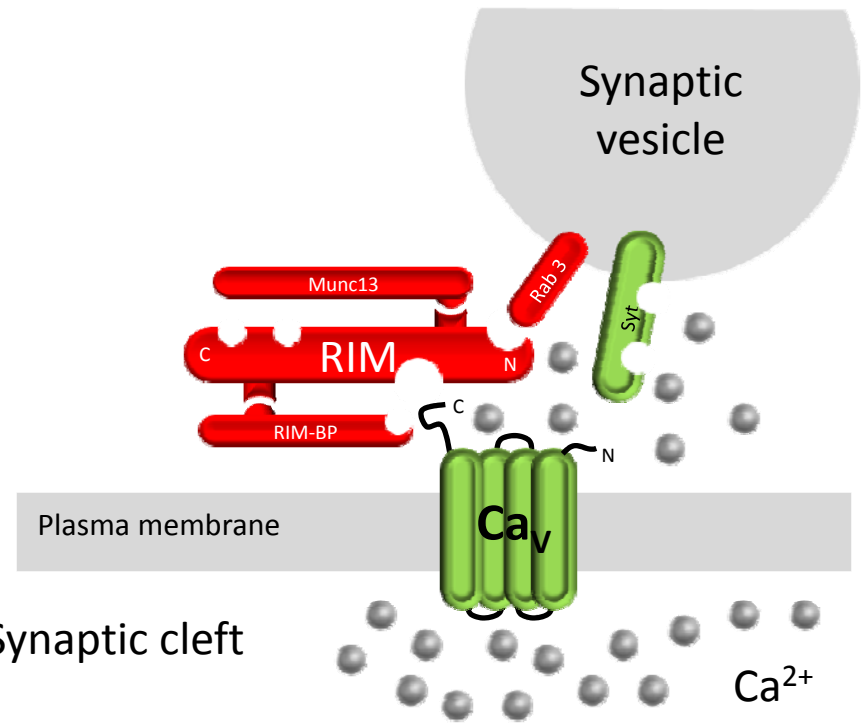
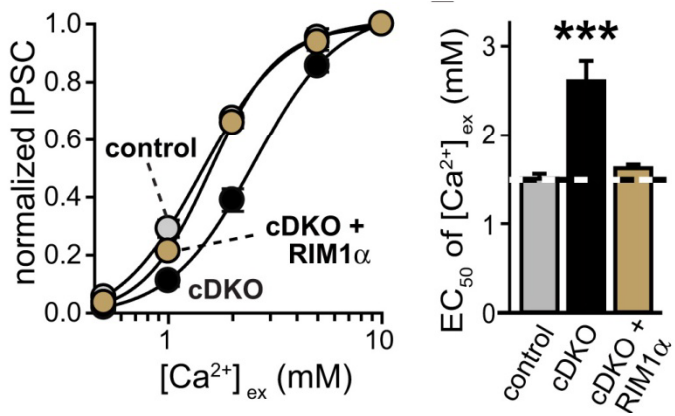
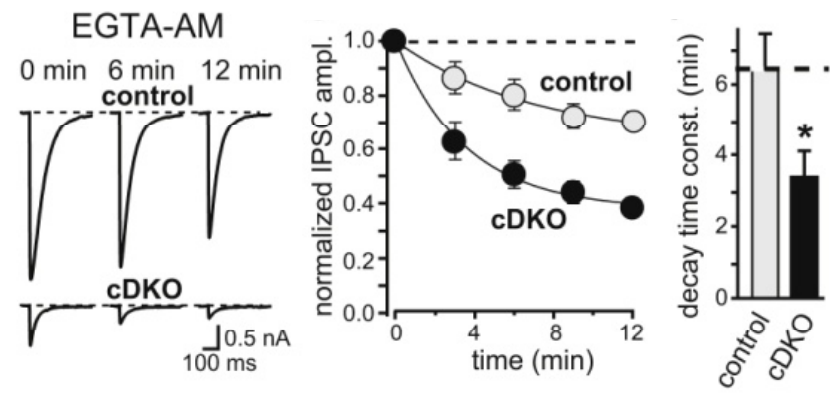


**d Hippocampal basket cell synapses**

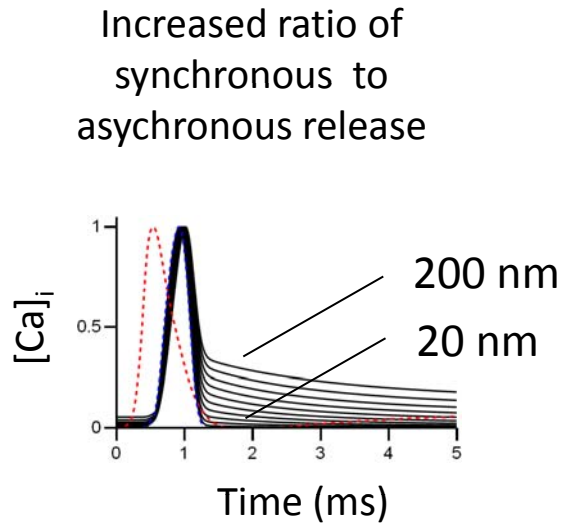
**e Cerebellar basket cell synapses**





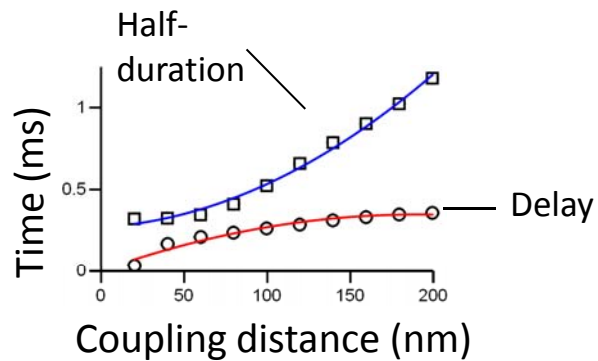
**a****b****c****d**

## a Advantages



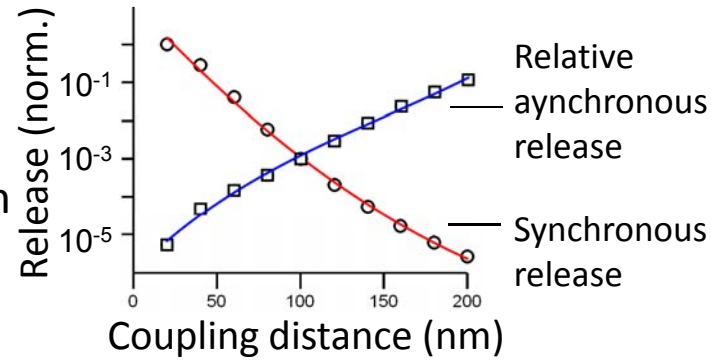
**b**

Reduced diffusional delay



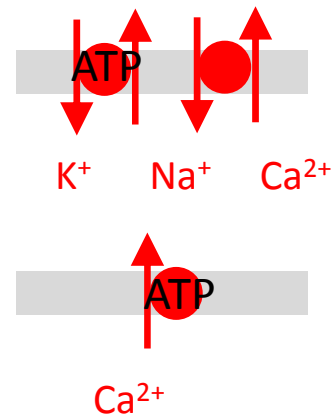
**c**

Increased efficacy



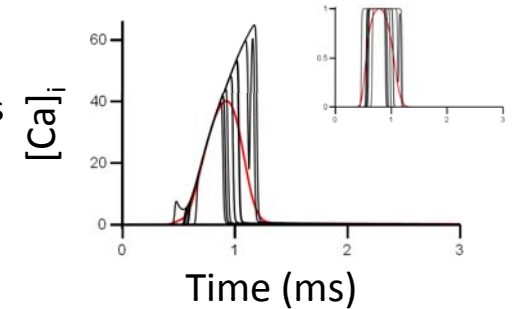
**d**

Minimal Ca<sup>2+</sup> load  
Energetic advantages



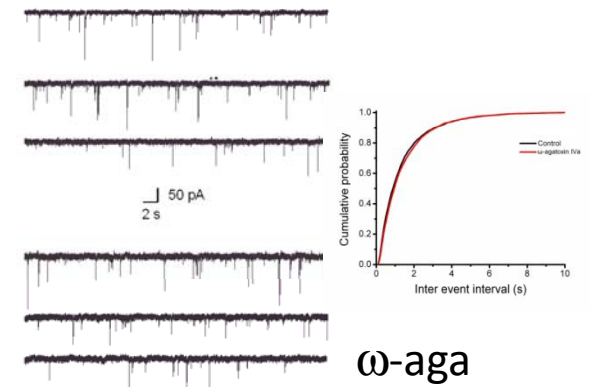
## e Lack of disadvantages

Insensitive to stochastic channel opening during APs



**f**

Insensitive to stochastic Ca<sup>2+</sup> channel opening at rest



Eggermann et al., Fig. 4