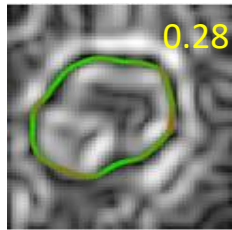
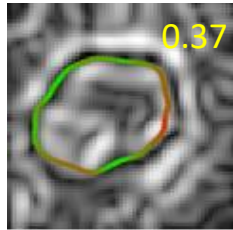
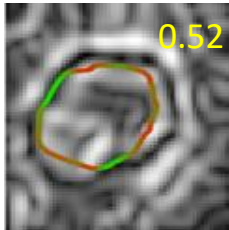
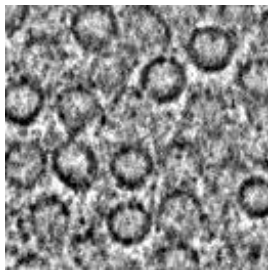




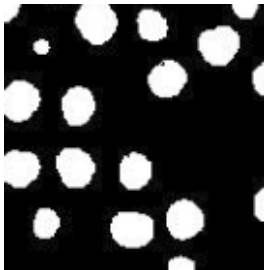
vesicle patch



$E_{ext}(v(s))$



I_d



$S_d(\text{FCN})$



$S_d(\text{opt})$