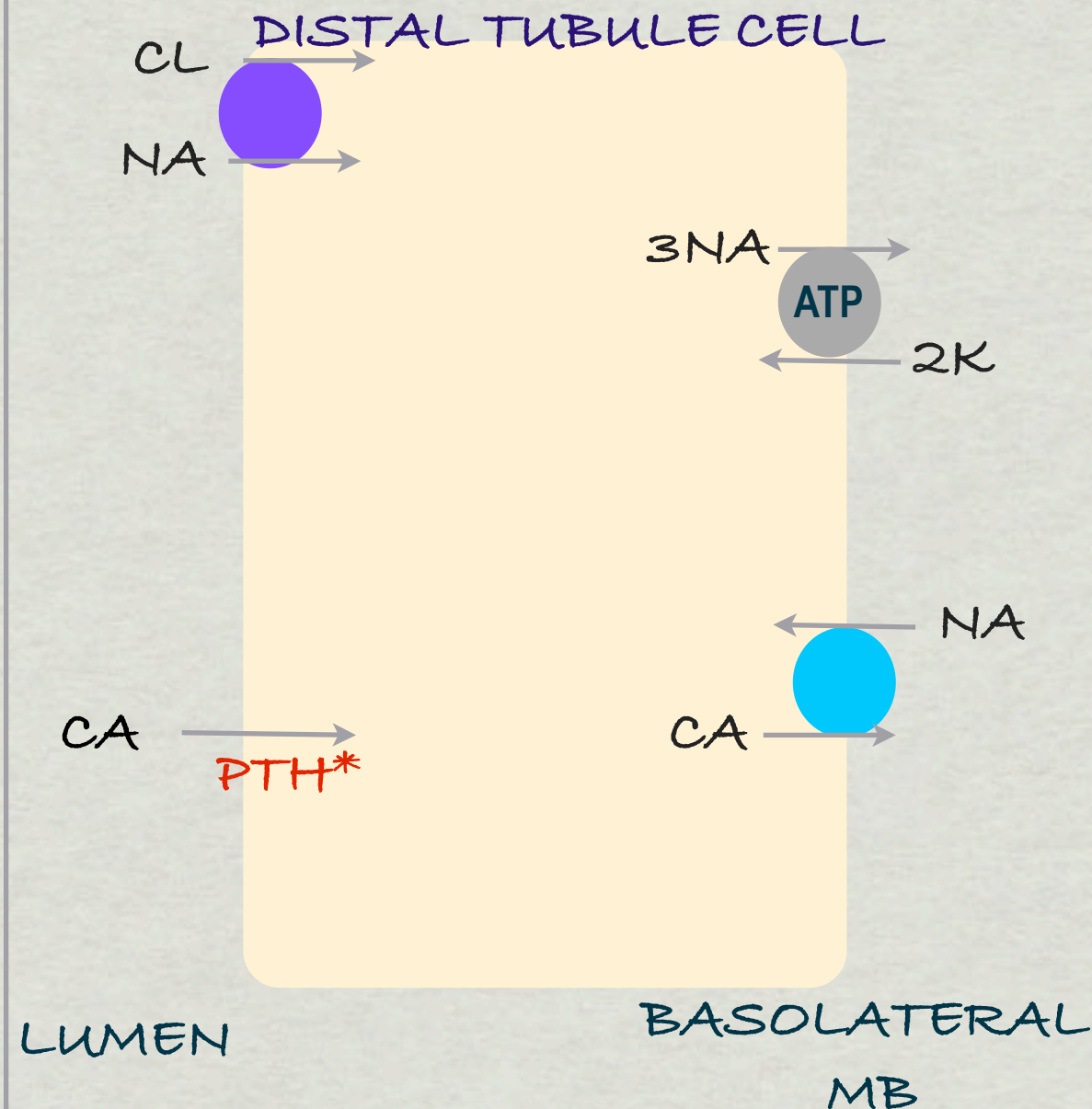


DT physiology



Na reabsorption	~ 5-10% in DT
CL / NA	main pump to reabsorb Na from filtrate on apical (luminal) membrane of the distal tubule(DT) by SECONDARY ACTIVE TRANSPORT .
CA / NA	main pump to reabsorb Ca at renal level on the BL mb in exchange w/ Na. SECONDARY ACTIVE TRANSPORT
Ca	reabsorbed from lumen through a channel on the apical mb under the control of PTH; PTH->G _s receptor->↑AMP _c ->phosphorilates Ca ⁺⁺ channel->opens