



Figure 1. Cellular reprogramming depicted as a trajectory in Waddington's epigenetic landscape. (A) A cell's normal developmental trajectory can be traced starting from a pluripotent cell (green ball) at the top of the hill to its final differentiated state (blue ball), illustrating how epigenetics contributes to cell fate determination during development. (B) A terminally differentiated cell (blue ball) can be reprogrammed back to pluripotency when exposed to a cocktail of transcription factors.