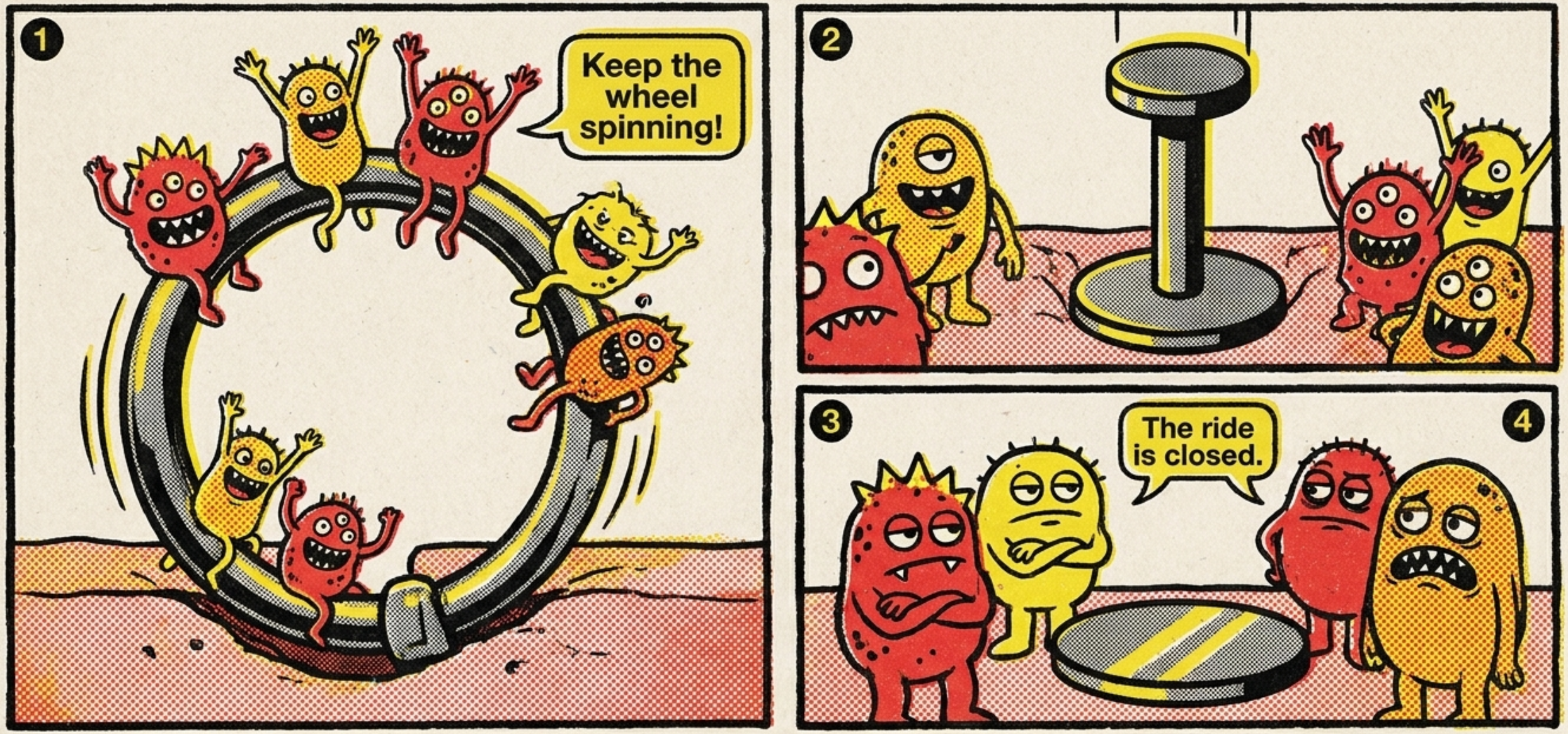


Rings rotate and drag external bacteria into fresh wound channels, whereas flat studs sit flush. Microbes thoroughly enjoy circular transit systems.