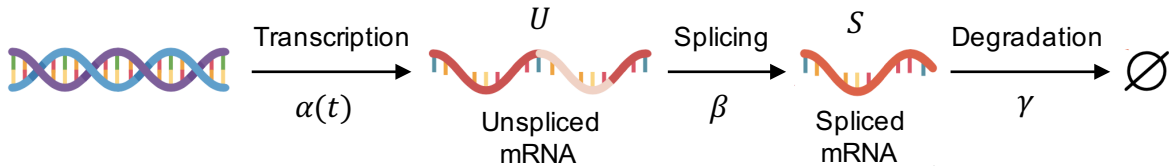
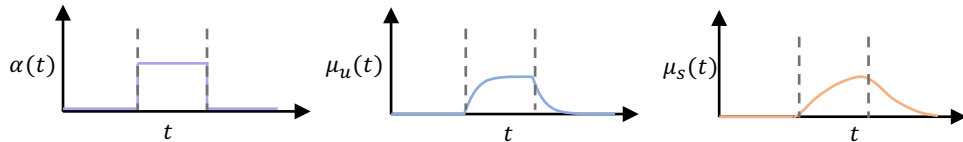


**a****b**

$$\frac{d\mu_u(t)}{dt} = \alpha(t) - \beta\mu_u(t) \quad , \quad \frac{d\mu_s(t)}{dt} = \beta\mu_u(t) - \gamma\mu_s(t)$$

**c**