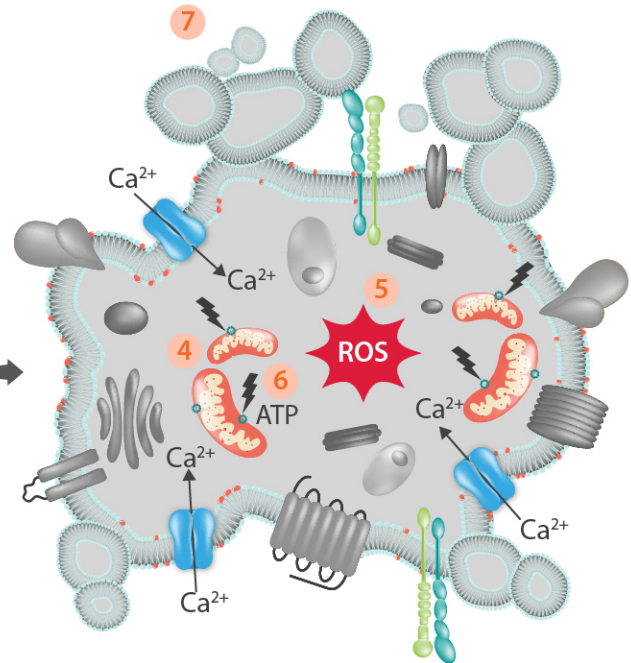
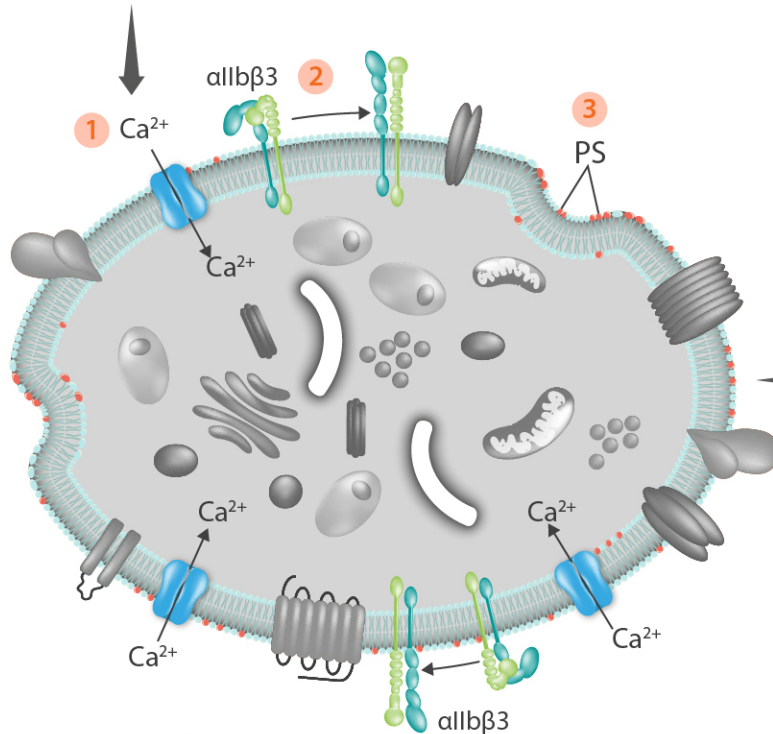


Structural, metabolic, and functional consequences of thrombin-induced platelet activation

Activation phase

Death phase

Thrombin



- 1 Ca^{2+} influx
- 2 Integrin $\alpha\text{IIb}\beta_3$ activation
- 3 Phosphatidylserine (PS) exposure

- 4 Mitochondrial depolarization
- 5 Generation of reactive oxygen species
- 6 Metabolic ATP depletion
- 7 Platelet disintegration