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

**Activation phase**

1. Ca$^{2+}$ influx
2. Integrin αⅡbβ3 activation
3. Phosphatidylserine (PS) exposure

**Death phase**

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

Kim et al. Haematologica, 2019