

35. Epigenetic Control of oncogene signaling

1 unit, Ping Chi, April 16, 2026

1. General concept of RTK signaling activation in cancer pathogenesis
2. Mechanisms of RTK activation, genetic and epigenetic in cancer
3. Example of epigenetic regulation of oncogene signaling

Discussion Paper:

<https://pubmed.ncbi.nlm.nih.gov/31666694/>

Flavahan WA et al., Altered chromosomal topology drives oncogenic programs in SDH-deficient GISTs. Nature 2019