

I Yang - Tumor Classification

Wiley

- usually done w/ histopathology

Genes that cause cancer

Oncogenes

Tumor suppressor genes

Repair genes

Hallmarks of cancer

- self-sufficiency in growth signals (e.g. ras)
- insensitivity to anti-growth signals (e.g. loss Rb)
- evading apoptosis (e.g. downregulate caspases)
- limitless replication (e.g. incr. telomerase)
- sustained angiogenesis (e.g. VEGF)
- tissue invasion & metastasis

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