The molecular biology of cancer



An examination of the molecular mechanisms that contribute to tumor formation, the hallmarks of cancer and their relationship to therapeutic strategies.

TOPICS

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| * Hallmarks of cancer * Cancer progression and metastasis * Cancer research origins * Microbes and cancer * Oncogenes and tumor suppressors * p53 and cell death * Autophagy and cell survival * Epigenetics and cancer | * Synthetic lethality strategies in cancer therapy * Clonal evolution and cancer stem cells * Biomarkers * Drug development and clinical trials * Cancer immunology * Personalized medicine |

INSTRUCTOR

Sharon Gorski

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|  |  |  |  |  |
| Outdoor enthusiast (hiking, kayaking) |  |  |  |  |

Diagram

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