

# Download Genetics And Cancer Susceptibility

Cancer Genetics Overview discusses hereditary cancers and the role of genetic variants (mutations). Get information about genetic counseling, familial cancer syndromes, genomic sequencing, germline and somatic testing, ethical and legal issues and more in this summary for clinicians. This directory lists professionals who provide services related to cancer genetics (cancer risk assessment, genetic counseling, genetic susceptibility testing, and others). Professionals must apply to be listed in this directory and must meet certain criteria.

Inclusion in the directory does not ...Breast cancer is very common and the leading cause of cancer deaths among women globally. Hereditary cases account for 510% of the total burden and CHEK2, which plays crucial role in response to DNA damage to promote cell cycle arrest and repair or induce apoptosis, is considered as a moderate penetrance breast cancer risk gene. The 2019 Conference on Cancer Genetics and Epigenetics will focus on newly emerging aspects of the field including the genetic heterogeneity of cancer, the “long tail” of less frequent cancer mutations and the importance of intratumoral heterogeneity as assayed by single cell technologies.