

Download Mouse Models Of Human Cancer

The Helmholtz Alliance Preclinical Comprehensive Cancer Center (PCCC; [www.helmholtz-pccc.de][1]) hosted the “1st International Kloster Seeon Meeting on Mouse Models of Human Cancer” in the Seeon monastery (Germany) from March 8 to 11, 2014. The meeting focused on the development and application of novel mouse models in tumor research and high-throughput technologies to overcome one of the ...Mouse Models of Human Cancers Consortium (MMHCC) Mouse models that recapitulate steps in the genesis, progression, and clinical course of human cancers provide a valuable resource to cancer researchers, particularly in the field of drug discovery and development. The availability of these models via the MMHCC repository,...From mouse handling and genetic engineering to preclinical trials, Mouse Models of Human Cancer is a comprehensive guide to using these models and relating them to human disease. Its uniform presentation describes organ-specific models in clinical, imaging, and molecular terms, and lays out the relevant genetics, experimental approaches, histological comparisons with human disease, and conclusions. Mouse models of cancer enable researchers to learn about tumor biology in complicated and dynamic physiological systems. Since the development of gene targeting in mice, cancer biologists have been among the most frequent users of transgenic mouse models, which have dramatically increased knowledge about how cancers form and grow.