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Disclosures: Mohamed H. Abdel-Rahman: Code N (No Commercial Relationship)

Presentation Description

Over the last 20 years our research group has been studying the genetics and genomics of uveal melanoma in particular the genetic predisposition to the disease. This started by a clinical observation of high frequency of personal and family history of cancer in a subset of uveal melanoma patients. So far our effort led to the characterizing of the first genetic predisposition syndrome associated with uveal melanoma, the BAP1-Tumor Predisposition Syndrome. In addition, we identified at least 20 other cancer genes with germline pathogenic variants in uveal melanoma patients. I will discuss how these findings are impacting the management of uveal melanoma.