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Identification of genetic variations associated with outcome risk in colorectal cancer: Where are we now?

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My laboratory is interested in identifying genetic markers that can help predict the patient outcomes in colorectal cancer. For this purpose, associations of genetic variations, such as SNPs (single nucleotide polymorphisms) and CNVs (copy number variations) with patient survival times are investigated using statistical methods. In collaboration with the investigators at the Newfoundland Colorectal Cancer Registry (NFCCR) and other institutions, my laboratory conducted a number of candidate gene, candidate pathway and genome wide prognostic studies in colorectal cancer. In this presentation, results of select projects will be discussed.

Biography

Sevtap Savas obtained her PhD in Molecular Biology and Genetics from the Bogazici University, Turkey. She trained as a Post-doctoral fellow or Research Associate in Louisiana State University (USA), Mount Sinai Hospital Research Institute (Canada) and Princess Margaret Hospital/Ontario Cancer Institute (Canada). Since 2008, she has been a faculty member at Discipline of Genetics, Memorial University of Newfoundland (Canada). Her research program focuses on genetic prognostic studies in colorectal cancer using genetic, epidemiological, bio-statistical and computational approaches as well as development of public databases. She also serves as a Reviewer, Academic Editor or Editorial Board Member for several journals.

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