Germline Predisposition Genes in Lymphoid Malignancies

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Dr. Susan Slager will discuss germline genetic variants associated with susceptibility to lymphoid malignancies, including Hodgkin lymphoma (HL), chronic lymphocytic leukemia (CLL), diffuse large B-cell lymphoma (DLBCL), follicular lymphoma (FL), marginal zone lymphoma (MZL), mantle cell lymphoma (MCL), and Waldenström macroglobulinemia (WM). The presentation will cover both common risk alleles and rare pathogenic variants, and it will provide insight into the variation of the inherited genetic risk across populations. She will highlight the inherited susceptibility that are shared across lymphoid subtypes, as well as unique to specific subtypes. Using CLL as an illustrative example, she will describe how inherited variation contributes to inter-individual differences in disease risk. Finally, she will present evidence linking inherited variants to clinical outcomes for three lymphoma subtypes (CLL, FL, and DLBCL).