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The role of transcription factors in activating specific genes in blood cells is an important facet of hematopoiesis. Equally important, however, is the pursuit of genes rearranged and aberrantly activated in leukemias (blood malignancies). Transcription Factors: Normal and Malignant Development of Blood Cells focuses on those major transcription factors involved in activation of lineage-specific gene expression during normal versus malignant development of specific blood lineages, as revealed from gene promoter studies, knockout of transcription factors in mice models, and the