

A postdoctoral position is available to participate in projects focusing on the molecular and cellular regulation of hematopoietic stem/progenitor cell quiescence, self-renewal and differentiation. Particular emphasis is placed on defining the functional role of transcription factors, and enzymes recruited to transcription factor complexes, in these processes. Studies include defining how these transcription factors integrate into larger transcription factor networks to regulate normal and malignant stem cell development. Additional efforts are focused on defining the role of the hematopoietic microenvironment in stem cell biology and differentiation. Methods include the use of novel transgenic and conditional mutant mouse models to study gene function and mechanism(s) of action in stem cell biology. The laboratory environment, resources and support on the Frederick-NCI campus are outstanding.

Interested applicants must have a Ph.D. and/or M.D. with less than three years of postdoctoral training in cell biology, molecular biology and biochemistry.