

No.	K22-1073	
研究課題名	Hematopoietic stem cell rejuvenation therapies	
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IMSUT International Joint Usage/Research Center Project <International>

Joint Research Report (Annual/Project Completion)

Annual Report
Report Development of novel therapeutics targeting hematopoietic stem cells
<p>In this IMSUT International Joint Research project, we proposed to develop novel therapeutics targeting hematopoietic stem cells for the treatment of age-related blood disorders. We have initiated several lines of collaborative research towards this goal. First, we have been investigating whether ex vivo hematopoietic stem cell cultures can be used to model hematopoietic stem cell aging, to validate a tractable in vitro model for target discovery. Second, we have been investigating molecular mechanisms contributing to hematopoietic stem cell clonal advantage in age-related hematological disorders. We will continue to build on this progress over the next year.</p>