

SUPPLEMENTAL MATERIAL

Carnevali et al., <http://www.jem.org/cgi/content/full/jem.20131072/DC1>

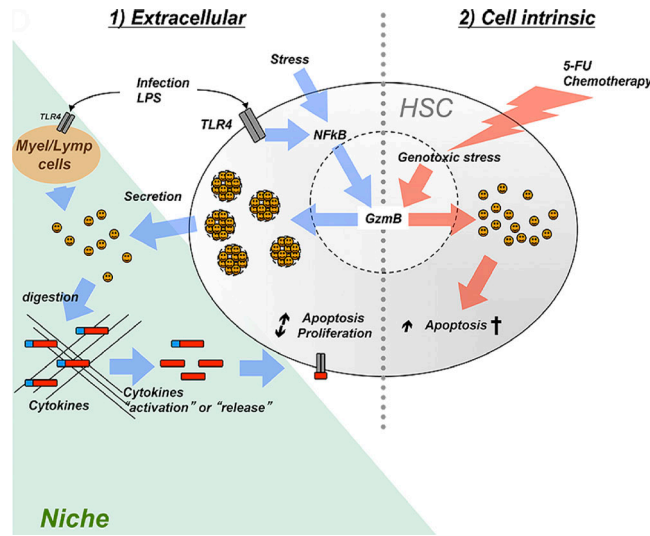


Figure S1. Model depicting GzmB function in HSCs in response to stress. See last paragraph of Results and discussion.

Table S1. Cell surface marker phenotypes

Population name	Cell surface phenotype
LSK	Lin ⁻ Sca1 ⁺ c-Kit ⁺
HSCs	LSK CD150 ⁺ CD48 ⁻ CD34 ⁻
MPP1	LSK CD150 ⁺ CD48 ⁻ CD34 ⁺
LSK SLAM	Lin ⁻ Sca1 ⁺ CD150 ⁺ CD48 ⁻
MEPs	Lin ⁻ Sca1 ⁻ CD117 ⁺ CD34 ⁻ FcRγ ⁻
GMPs	Lin ⁻ Sca1 ⁻ CD117 ⁺ CD34 ⁺ FcRγ ⁺
CMPs	Lin ⁻ Sca1 ⁻ CD117 ⁺ CD34 ⁺ FcRγ ⁻
CLPs	Lin ⁻ Sca1 ^{low} CD117 ^{low} CD127 ⁺ CD135 ⁺
Lin ⁻	Gr1 ⁻ CD11b ⁻ B220 ⁻ CD4 ⁻ CD8 ⁻ Ter119 ⁻ Dx5 ⁻ NK1.1 ⁻
Granulocytes	Gr1 ⁺ CD11b ⁺
Megakaryocytes	CD41 ⁺
B cells	B220 ⁺
T cells	CD4 ⁺ or CD8 ⁺
Erythroblasts	Ter119 ⁺
Endothelial cells	CD45 ⁻ Ter119 ⁻ CD31 ⁺
MSCs	CD45 ⁻ Ter119 ⁻ Sca1 ⁺ PDGFRα ⁺ CD51 ⁻
Osteoblasts	CD45 ⁻ Ter119 ⁻ Sca1 ⁻ CD51 ⁺

CLP, common lymphoid progenitor; CMP, common myeloid progenitor; GMP, granulocyte macrophage progenitor; MEP, megakaryocyte-erythroid progenitor cell; MSC, mesenchymal stromal cell.