

Adult skull bone marrow is an expanding and resilient hematopoietic reservoir

Bong Ihn Koh^{1,#}, Vishal Mohanakrishnan¹, Hyun-Woo Jeong², Hongryeol Park¹, Kai Kruse³, Young Jun Choi⁴, Melina Nieminen-Kelhä⁵, Rahul Kumar⁶, Raquel S. Pereira⁷, , Susanne Adams¹, Hyuek Jong Lee⁸, M. Gabriele Bixel¹, Peter Vajkoczy⁵, Daniela S. Krause⁶, Ralf H. Adams^{1,#}

Supplementary Data File 2

Gating strategies for all FACS isolation and flow cytometric analyses performed in the study.

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Supplementary Data File 1

Abbreviations

EC: Endothelial Cell

Emcn^{Hi}: Endomucin-High

LT-HSC: Long-Term Hematopoietic Stem Cell

ST-HSC: Short-Term Hematopoietic Stem Cell

MPP2: Multi-Potent Progenitor 2

MPP3: Multi-Potent Progenitor 3

LSK: Lin⁻ Sca1⁺ cKit⁺

CLP: Common Lymphoid Progenitor

CMP: Common Myeloid Progenitor

GMP: Granulocyte-Monocyte Progenitor

MEP: Megakaryocyte-Erythrocyte Progenitor

MkP: Megakaryocyte Progenitor

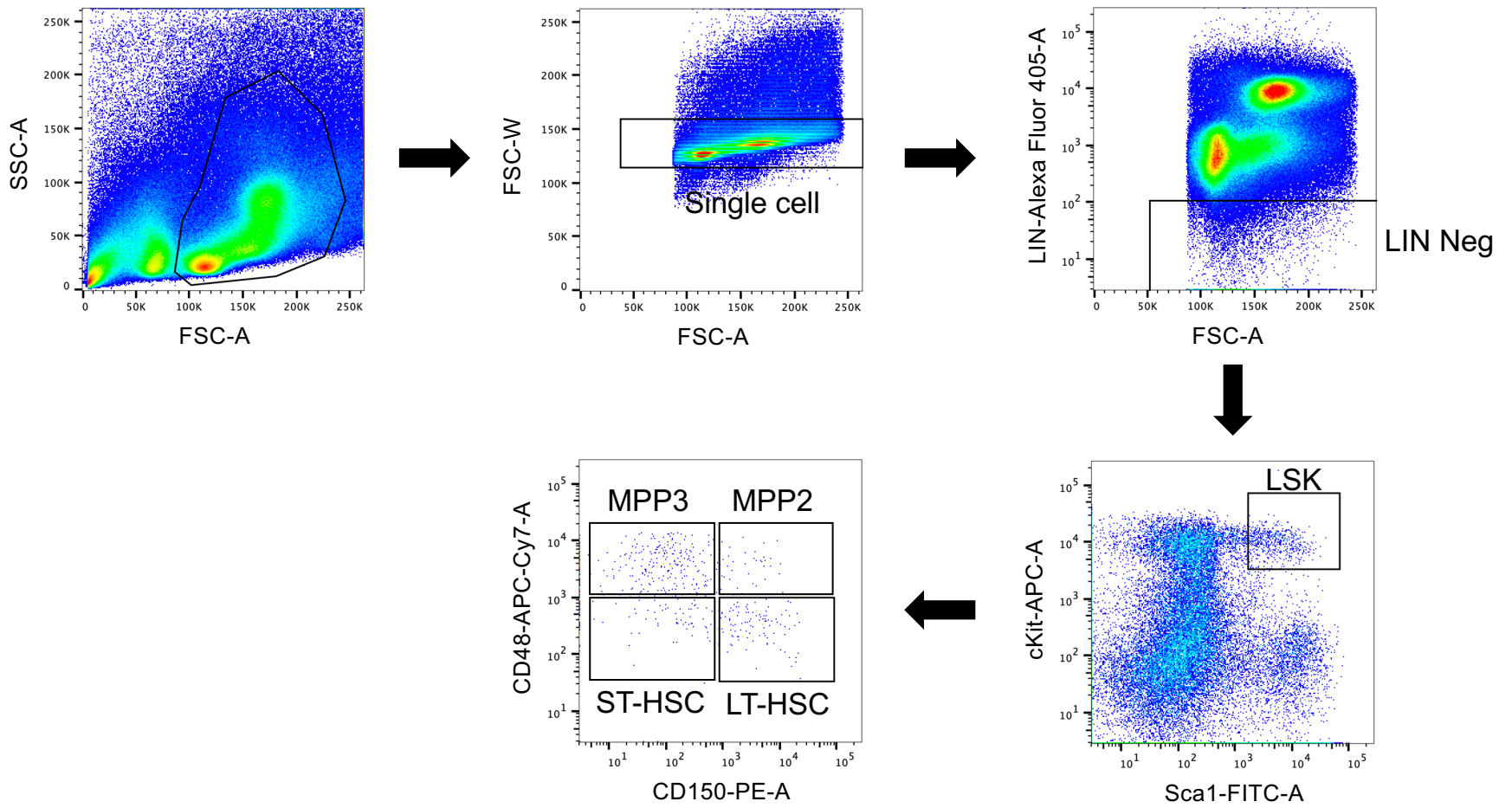
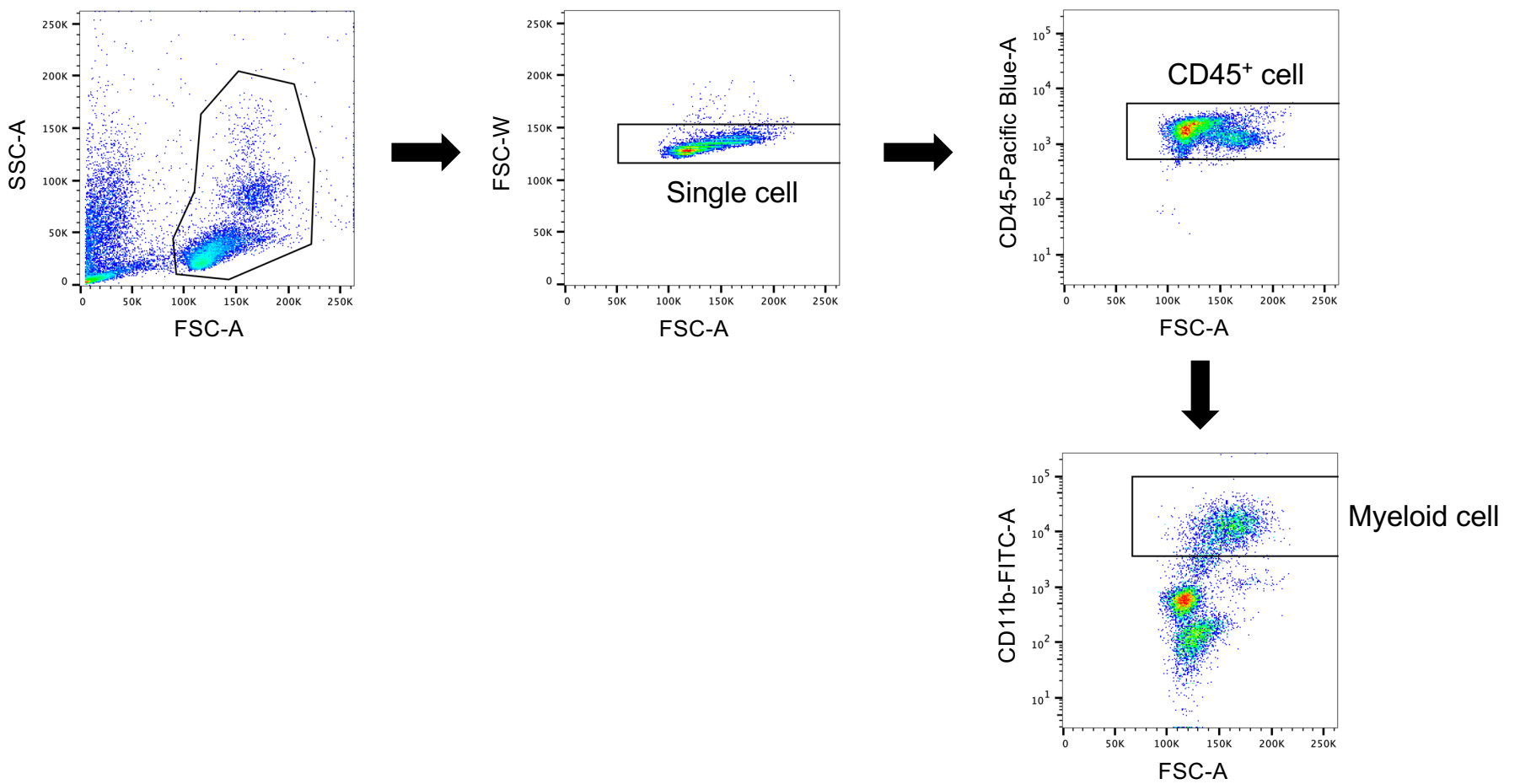
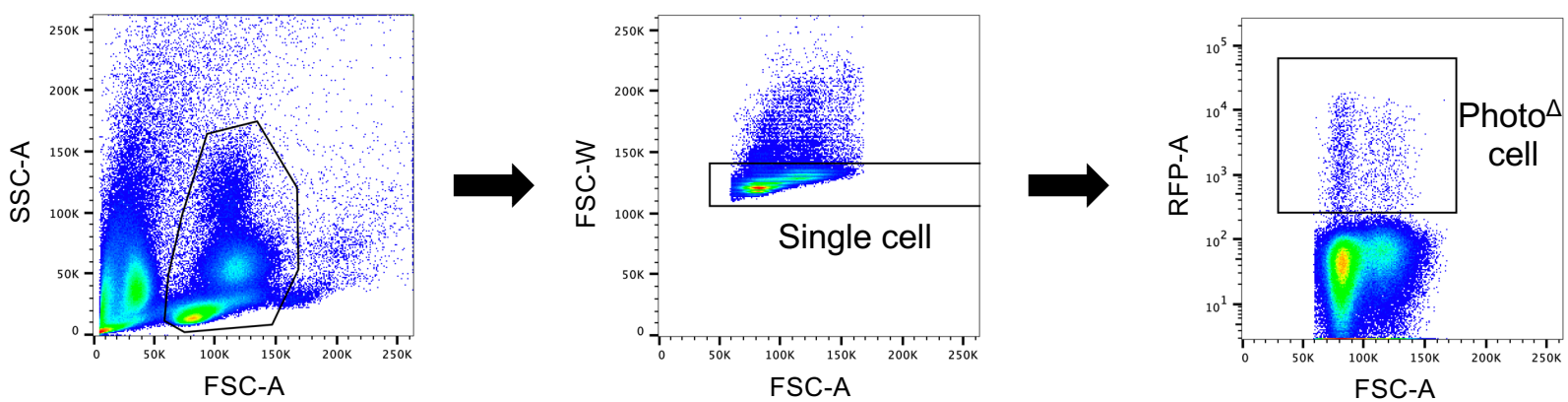
Pre-GM: Pre-Granulocyte-Monocyte

Pre-CFU-E: Pre-Colony-Forming Unit-Erythroid

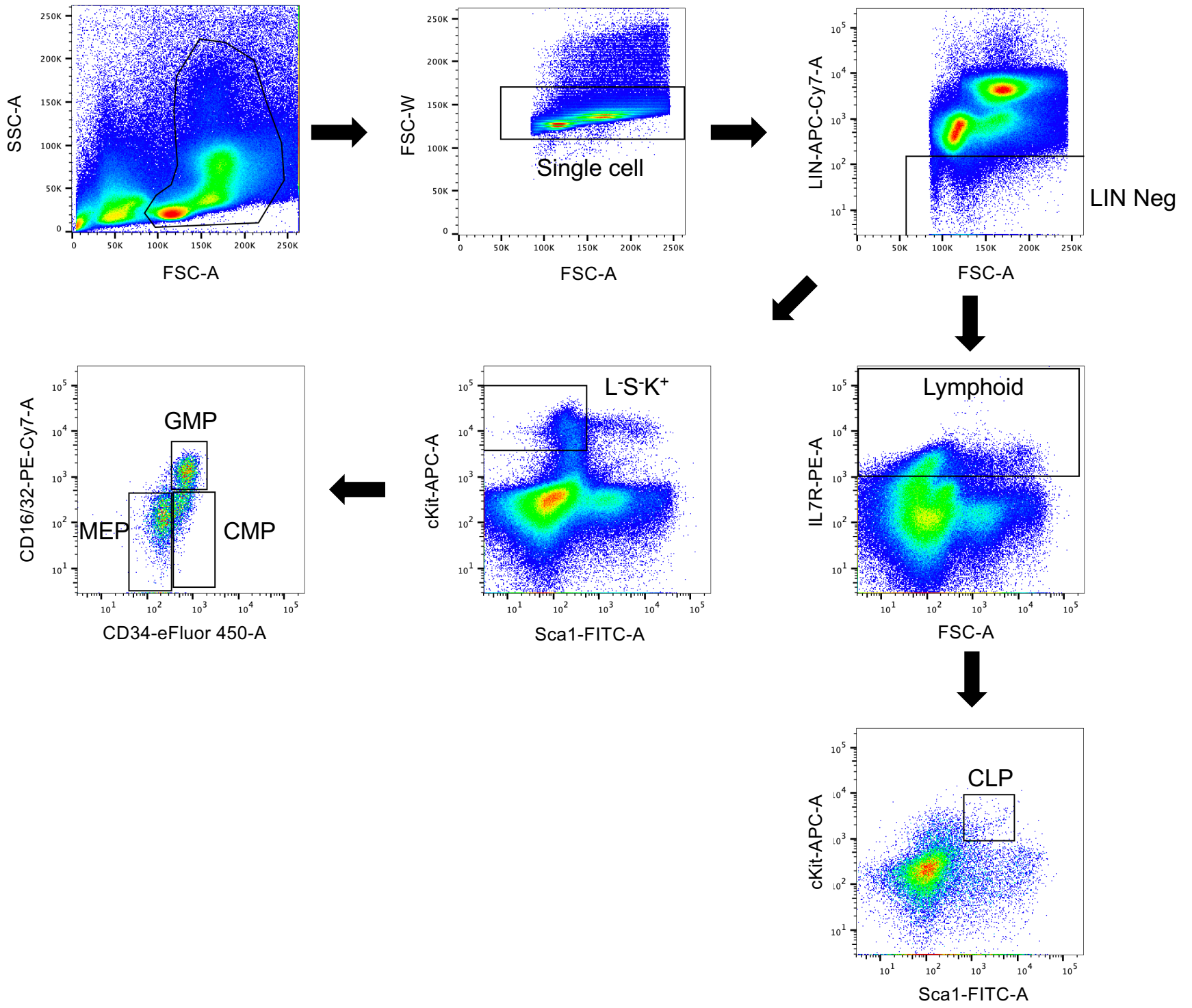
Pre-Meg-E: Pre-Megakaryocyte-Erythroid

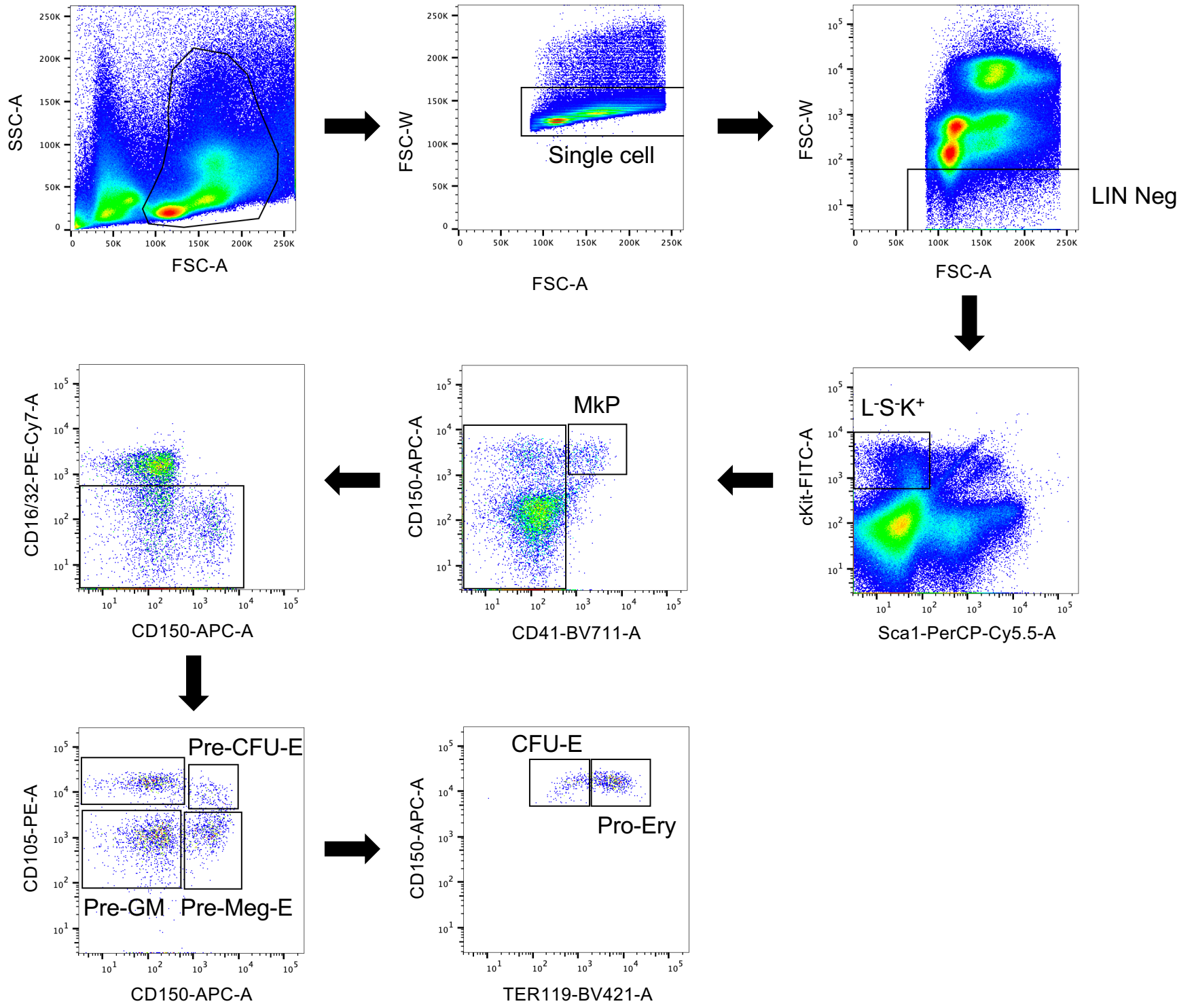
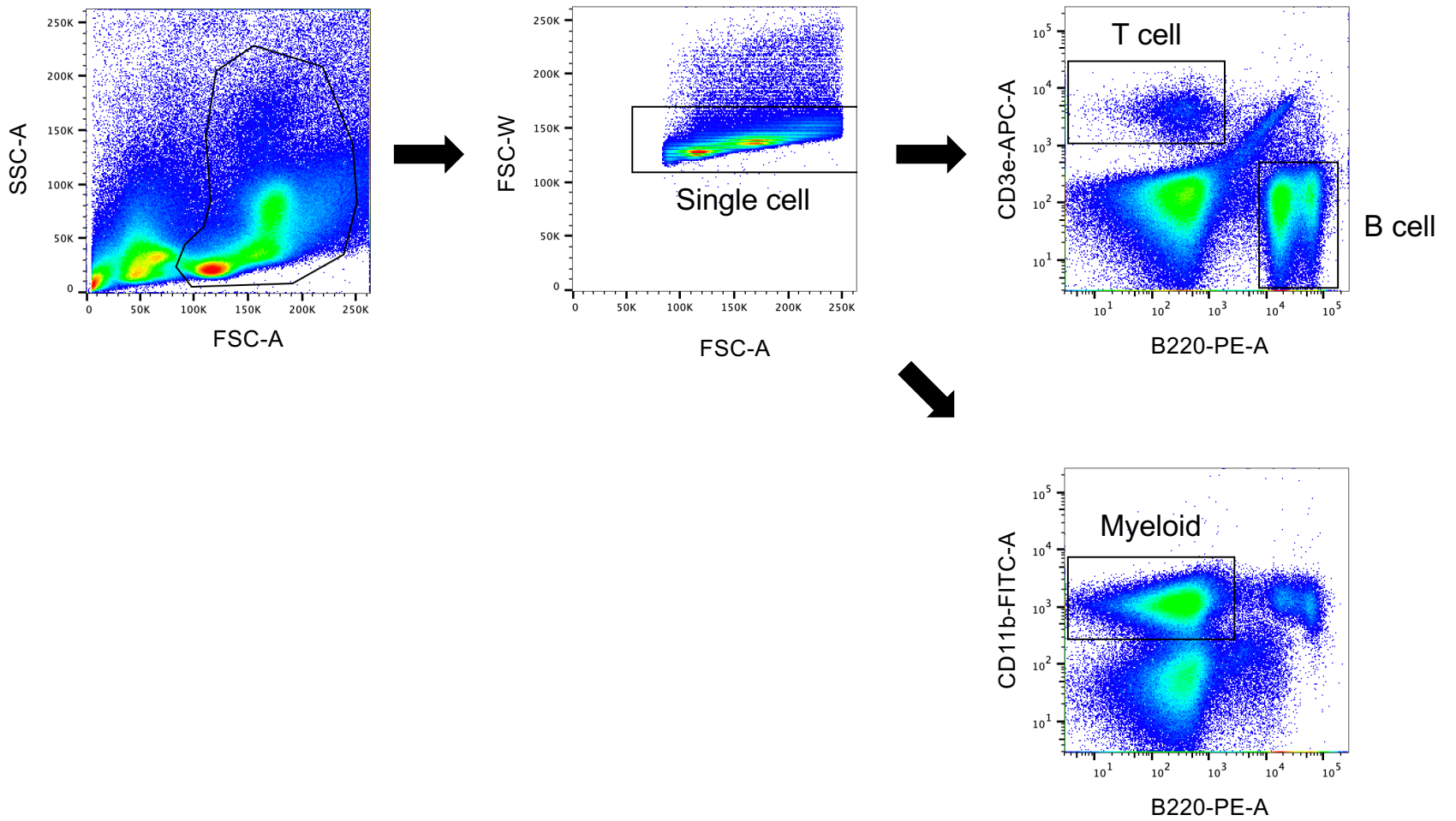
CFU-E: Colony-Forming Unit-Erythroid

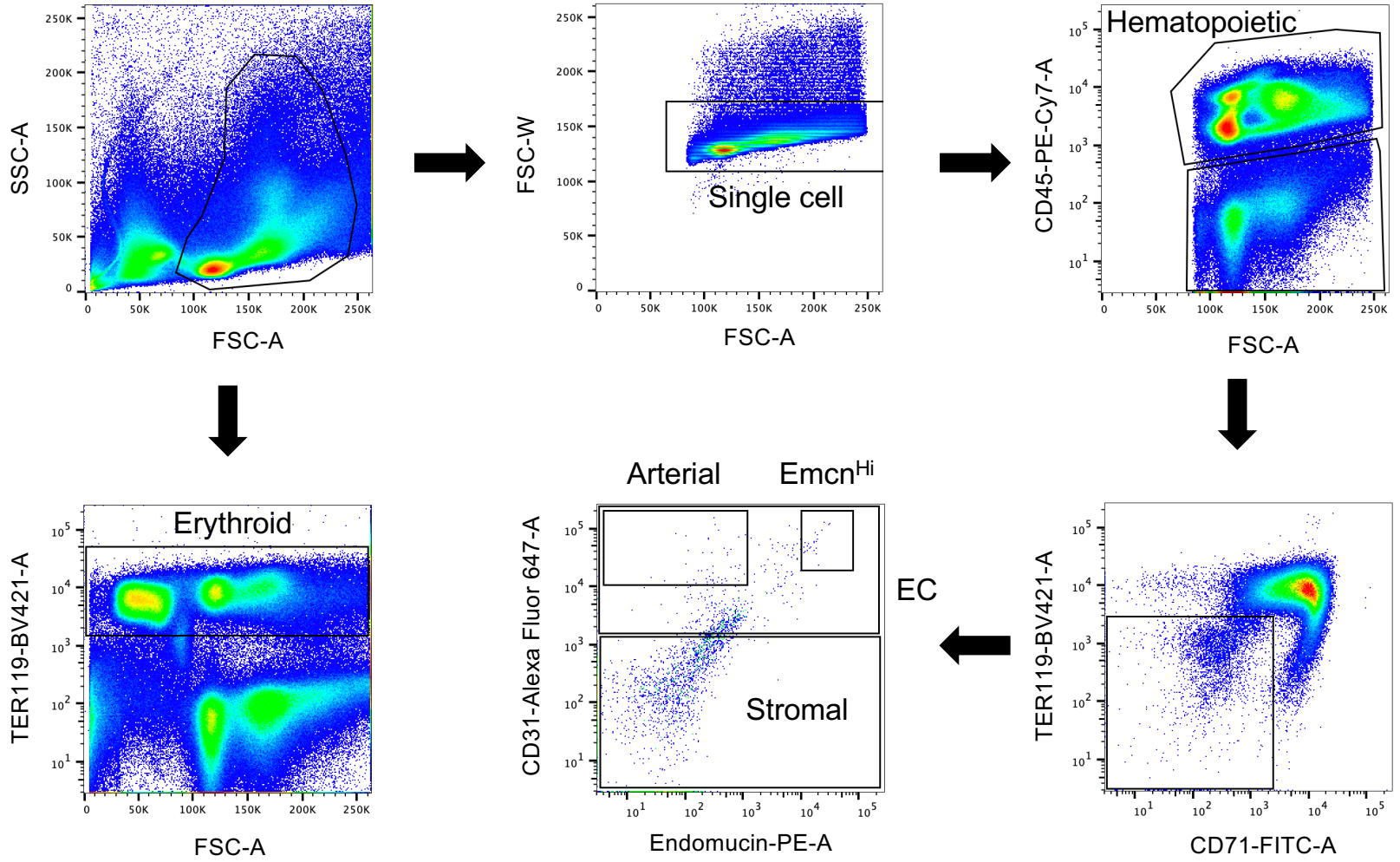
Pro-Ery: Pro-Erythroid

a**b****c**

d



e**f**

g**h**