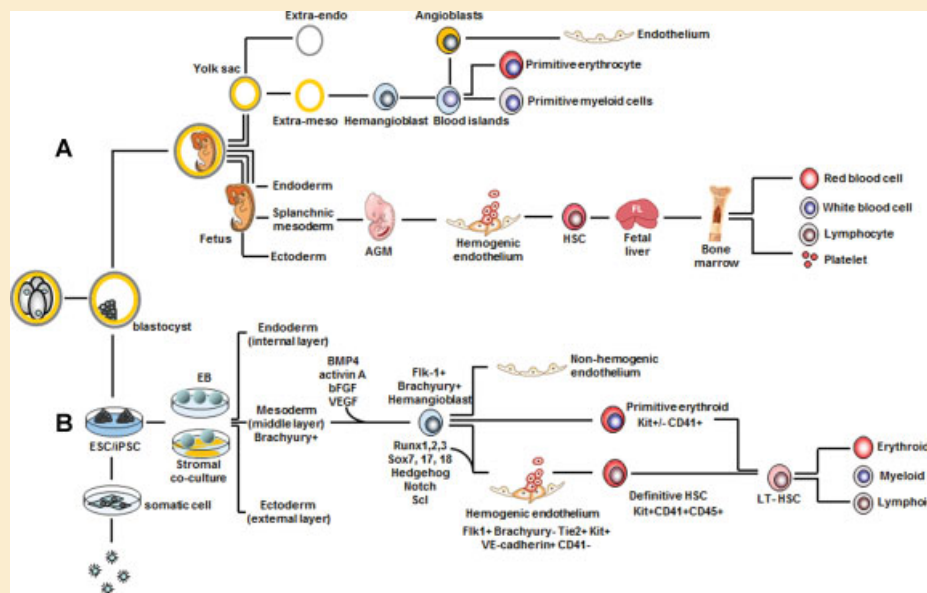


## Development of Hematopoietic Stem and Progenitor Cells From Human Pluripotent Stem Cells

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The authors discuss the generation of multipotent hematopoietic stem and progenitor cells from human pluripotent stem cells (hPSCs) via hemogenic endothelial cells. The achievements in direct reprogramming from non-hematopoietic cells to hematopoietic stem and progenitor cells is also reviewed. Further characterization of hematopoietic differentiation in hPSCs will improve understanding of blood development and expedite the development of hPSC-derived blood products for therapeutic purpose.