

**View Scientific Committee Mandates and Rosters:**  
<https://www.hematology.org/about/governance/scientific-committees>

<b>Scientific Committee</b>	<b>Expertise Needed In 2023</b>
<b>Scientific Committee on Blood Disorders in Childhood</b>	<b>Top Priorities in Rank Order</b>
	Genetics of red cells and platelet disorders
<b>Scientific Committee on Bone Marrow Failure</b>	<b>Top Priorities in Rank Order</b>
	BMF genetics
	Basic science of BMF genes
	Leukemia predisposition in BMF
	Gene editing
<b>Scientific Committee on Epigenetics and Genomics</b>	<b>Top Priorities in Rank Order</b>
	Epigenetic mechanisms of viral mimicry
	Epigenome editing/targeted epigenetic therapies
	Technology development in 3D epigenomics & cross-platform data integration
<b>Scientific Committee on Hematopathology and Clinical Laboratory Hematology</b>	<b>Top Priorities in Rank Order</b>
	Spectral biology (in situ analysis of mRNA and Protein)
	Artificial intelligence in digital pathology (morphology and flow cytometry)
	Molecular markers of disease
<b>Scientific Committee on Hematopoiesis</b>	<b>Top Priorities in Rank Order</b>
	Multomics integration, integrated multimodal
	Metabolism
	Humanized mice as research models of
<b>Scientific Committee on Hemostasis</b>	<b>Top Priorities in Rank Order</b>
	Gene Editing and Cellular Therapies
	Computational Biology
	Coagulation Biochemistry
<b>Scientific Committee on Immunology and Host Defense</b>	<b>Top Priorities in Rank Order</b>
	Artificial Intelligence
	gene editing/reprogramming
	gene therapy
<b>Scientific Committee on Iron and Heme</b>	<b>Top Priorities in Rank Order</b>
	Population Health/ global health - as iron disorders commonly affect people who live in low income countries, and ID/ anaemia of inflammation is
	Drug development/ drug discovery - as new therapeutics are opening up all the time.
	Genomics/ Genetics - new techniques for
<b>Scientific Committee on Lymphoid Neoplasia</b>	<b>Top Priorities in Rank Order</b>
	Single cell technology
	Machine Learning
<b>Scientific Committee on Megakaryocytes and Platelets</b>	<b>Top Priorities in Rank Order</b>

	MK Development and Maturation (benign and malignant)
	Platelet Signaling
	Platelets in Transfusion Medicine
	Advanced Imaging Techniques
<b>Scientific Committee on Myeloid Biology</b>	<b>Top Priorities in Rank Order</b>
	Single-cell technologies to understand myeloid cell development
	Myeloid cells and aging
	Myeloid cells in COVID-19
<b>Scientific Committee on Myeloid Neoplasia</b>	<b>Top Priorities in Rank Order</b>
	MPN
	Epigenetics
	Targeted Therapies
	Computational Biology
<b>Scientific Committee on Plasma Cell Neoplasia</b>	
	Bone marrow microenvironment, mechanisms of
	Computational biology and data science
	Proteomics
<b>Scientific Committee on Red Cell Biology</b>	
	Human Genetics
	Single cell genomics
<b>Scientific Committee on Stem Cells and Regenerative</b>	
	In vivo imaging/niche
	Progenitor cell biology
	Multomics/bioinformatics/computations
<b>Scientific Committee on Thrombosis &amp; Vascular Biology</b>	
	New genetic modifiers and epidemiology of
	New endothelial markers/regulators of thrombosis,
<b>Scientific Committee on Transfusion Medicine</b>	
	Blood groups and associated diseases (eg, blood group and hemostasis, blood groups and infectious
	Metabolomics and other Omics
	Tissue oxygen delivery to different tissue beds following RBC transfusion
<b>Scientific Committee on Transplantation Biology and Cellular Therapies</b>	
	Gene editing technologies
	Machine learning analyses