

Table 1

Select milestones in the history of hematology before *Blood* started publication in 1946

Year	Discovery
1628	Discovery of the closed circulation of blood by Harvey
1674	Description of RBCs by van Leeuwenhoek
1770-4	Discovery of WBCs, fibrinogen, the first anticoagulant (Glauber's salt), and the fundamentals of blood coagulation and lymphatic circulation by Hewson
1818	First successful transfusion of human blood to a patient by Blundell
1832	First description of Hodgkin disease by Hodgkin
1840	First successful whole blood transfusion to treat hemophilia by Lane
1852-76	Development of RBC and WBC counting by hemocytometer by multiple investigators
1868	Discovery of the role of the bone marrow in hematopoiesis by Neumann and independently by Bizzozero
1868	Virchow describes leukemia, thrombosis, and embolism
1878	Blood cell staining developed by Ehrlich, followed by his identification of 3 types of granulocytes, mast cells, polychromatophilia, and megaloblasts
1882	First description of phagocytosis by Metchnikoff
1888	First description of the role of platelets in hemostasis and thrombosis by Bizzozero
1901	Discovery of blood groups, A, B, AB, and O (C) by Landsteiner
1903	First description of syndrome of polycythemia vera by Osler
1904	First description of paroxysmal cold hemoglobinuria by Donath and Landsteiner
1910	First description of bleeding time assay and effectiveness of platelet transfusion to treat thrombocytopenia by Duke
1910	First description of sickle cell disease by Herrick
1915	Use of citrate to anticoagulant blood for transfusion optimized by Lewisohn
1918	First description of Glanzmann thrombasthenia by Glanzmann
1920	Classic description of infectious mononucleosis by Sprunt and Evans
1924	First description of Felty syndrome (association of chronic arthritis, splenomegaly, and leukopenia) by Felty
1925	First description of thalassemia by Cooley and Lee
1926	First description of von Willebrand disease by von Willebrand
1926	Classic report of liver as first effective treatment of pernicious anemia by Minot and Murphy
1927	First description of Fanconi syndrome (pancytopenia, aplastic bone marrow, and physical anomalies) by Fanconi
1929	Hematocrit technique refined by Wintrobe, along with introduction of RBC indices MCV, MCH, and MCHC

MCH, mean corpuscular hemoglobin; MCHC, mean corpuscular hemoglobin concentration; MCV, mean corpuscular volume; PT, prothrombin time.