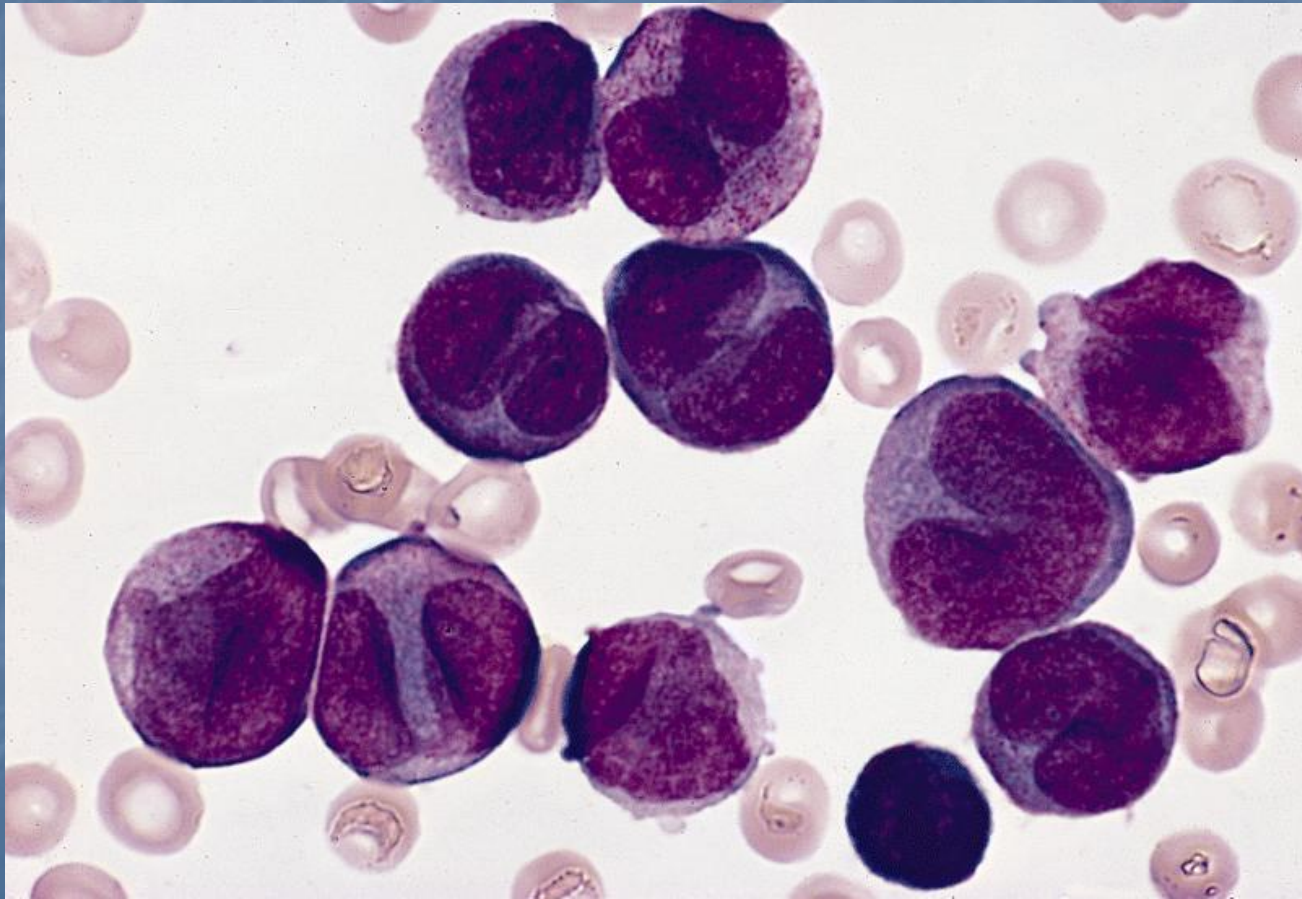


Basophilia



Basophils

- Basophils are the least common of the granulocytes, representing about 0.01% to 0.3% of circulating leukocytes.
- The name comes from the fact that these leucocytes are basophilic. they are susceptible to staining by base dyes.
- Basophils appear in many specific kinds of inflammatory reactions, particularly those that cause allergic symptoms. While the exact purpose of Basophils has never been proven, they appear often in tissues where parasites are found.

Basophilia

- Uncommon cause of Leukocytosis
- The Basophil quantity is abnormally elevated :
 - More than 10^{10} Basophils per liter of blood.
 - Absolute number of Basophils above 0.15 G/l

Basophilia

associated with several blood disorders:

- CML - Chronic Myelocytic Leukemia (quite usual)
- Myeloproliferative disorders :
 - Polycythemia Vera
 - Myelofibrosis
 - Essential Thrombocythemia (rare)
- Acute leukemia
- Myelodysplastic syndromes
- Hodgkin disease