

## Teaching topics : Disorders of White Blood Cells

### Teaching outline :

#### 1. Non-neoplastic disorders of white cells

- a) Leukopenia : Lymphopenia, Neutropenia/Agranulocytosis
- b) Reactive leukocytosis : Reactive leukocytosis, Eosinophilic leukocytosis, Basophilic leukocytosis , Monocytosis, Lymphocytosis
- c) Infectious mononucleosis
- d) Lymphadenitis : Acute nonspecific lymphadenitis, Cat-scratch disease

#### 2. Neoplastic Proliferations of White Cells

- a) Lymphoid neoplasms (Discussed in next session)
- b) Myeloid neoplasms : Acute myelogenous leukemias, Chronic myeloproliferative disorders, Myelodysplastic shndromes
- c) Langerhans cell histiocytoses