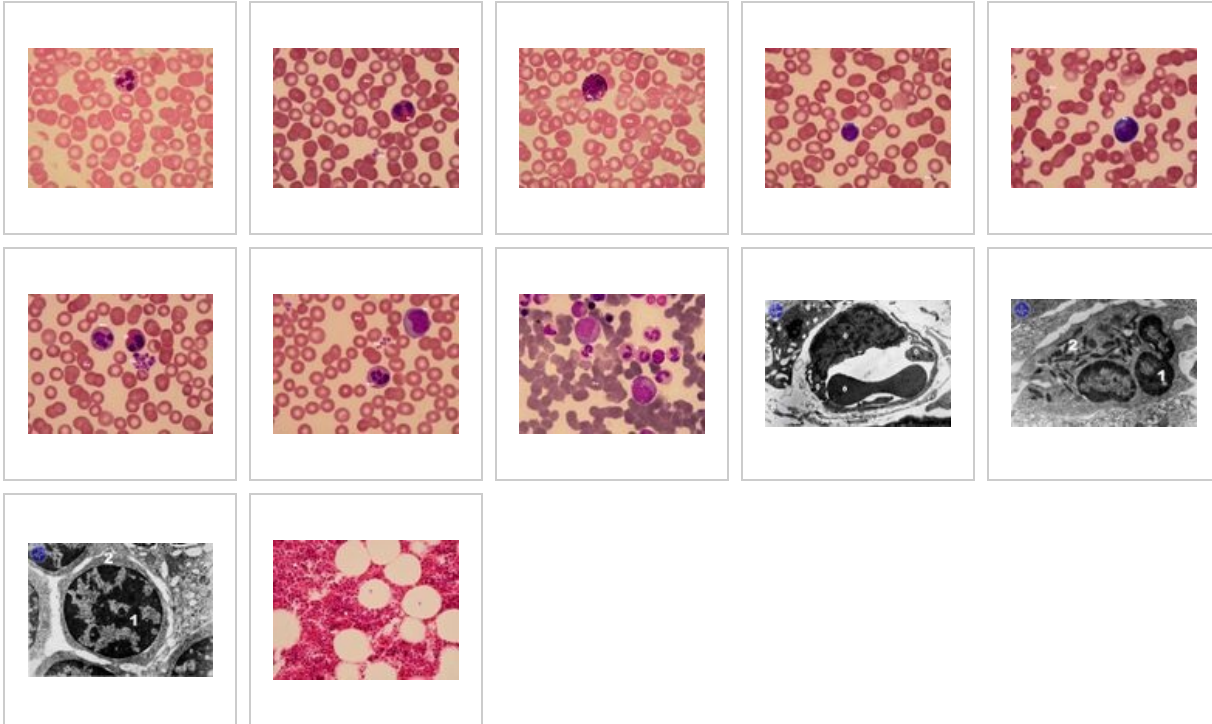
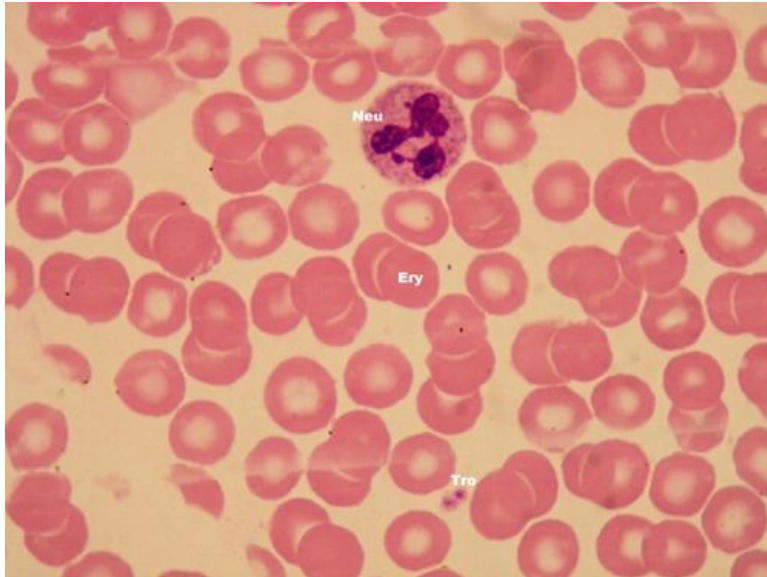


# Blood cells (slide)

## Overview



## Slide 1

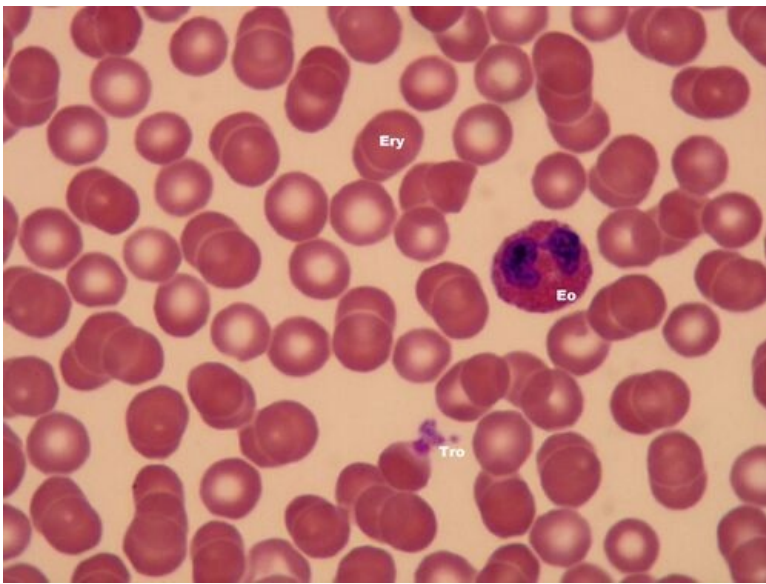


Name: **Blood film slide - neutrophil (staining according to Pappenheim)**

Description: Neu - neutrophil with typical segmented nucleus, Ery - erythrocytes,

Tro - thrombocytes

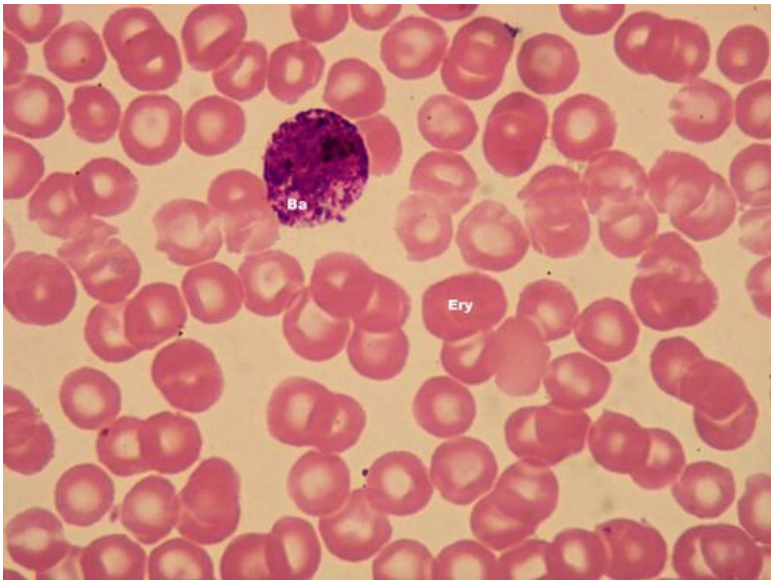
## Slide 2



Name: **Blood film slide - eosinophil (staining according to Pappenheim)**

Popis: Eo – eosinophil with typical glasses-like nucleus, Ery – erythrocytes, Tro - trombocytes

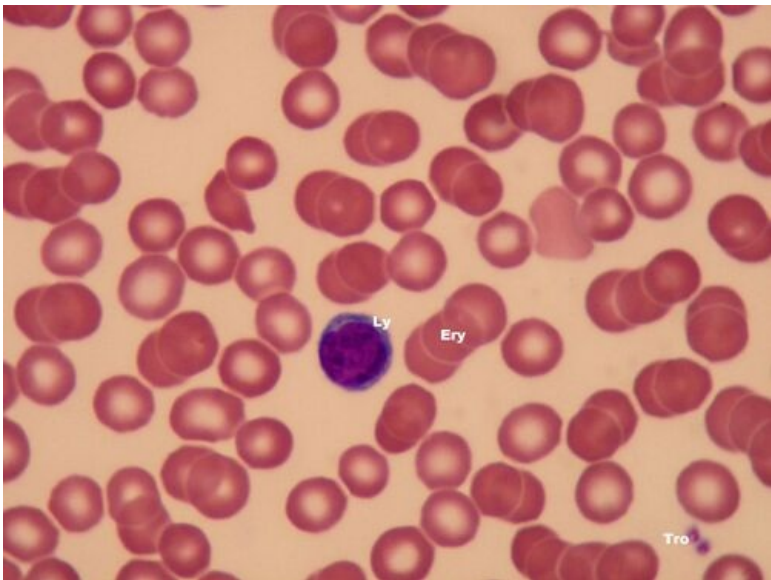
### Slide 3



Name: **Blood film slide - basophil (staining according to Pappenheim)**

Description: Ba – basophil (granules in cytoplasm completely cover the nucleus), Ery – erythrocytes

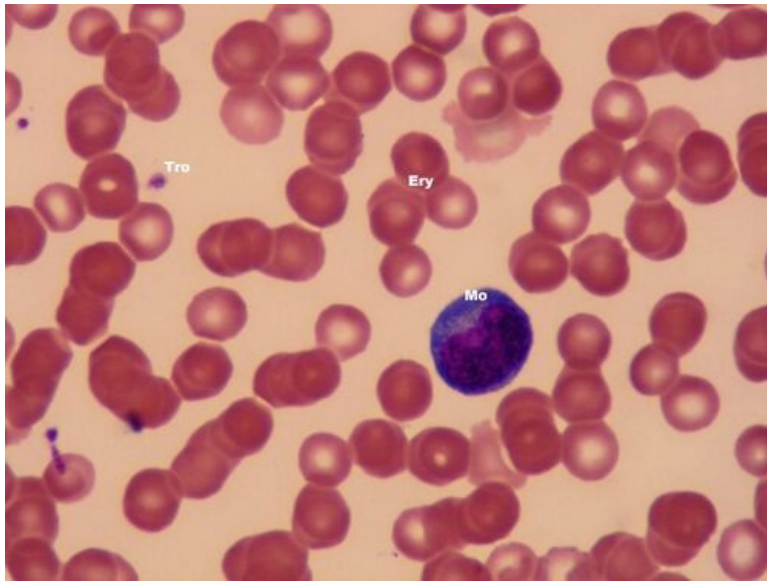
### Slide 4



Name: **Blood film slide - lymphocyte (staining according to Pappenheim)**

Description: Ly - lymphocyte with nucleus and narrow cytoplasm in shape of thin sickle, Ery - erythrocytes, Tro - trombocytes

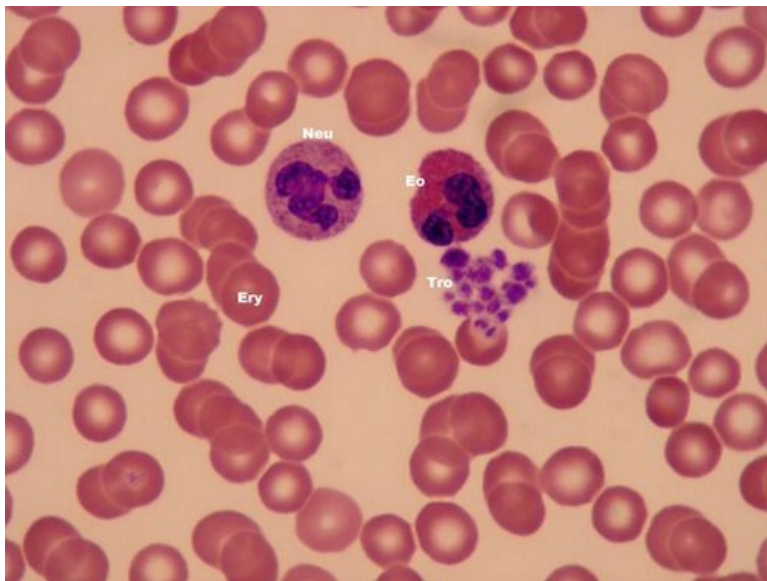
## Slide 5



Name: **Blood film slide - monocyte (staining according to Pappenheim)**

Description: Mo - monocyte with kidney-like nucleus, Ery - erythrocytes, Tro - trombocytes

## Slide 6

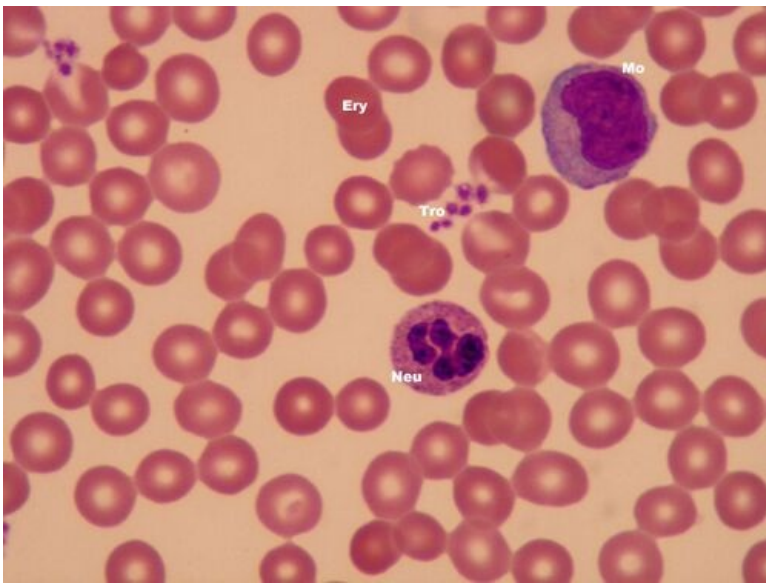


Name: **Blood film slide (staining according to Pappenheim)**

Description: Neu - neutrophil (segmented nucleus), Eo - eosinophil (glasses-like nucleus and appearing red cytoplasm), Ery - erythrocytes, Tro - trombocytes

## Slide 7

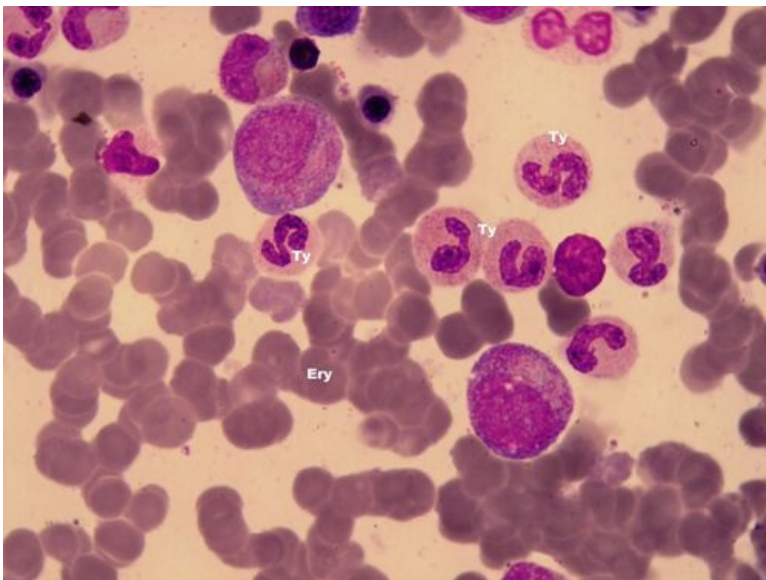




Name: **Blood film slide (staining according to Pappenheim)**

Description: Neu – neutrophil (segmented nucleus), Mo – monocyte (the biggest blood cell, kidney-like nucleus), Ery – erythrocytes, Tro – thrombocytes

## Slide 8



Name: **Blood film slide – blood sample with immature neutrophils (staining according to Pappenheim)**

Description: Ty - in Czech "tyčky" = immature neutrophils

## Slide 9

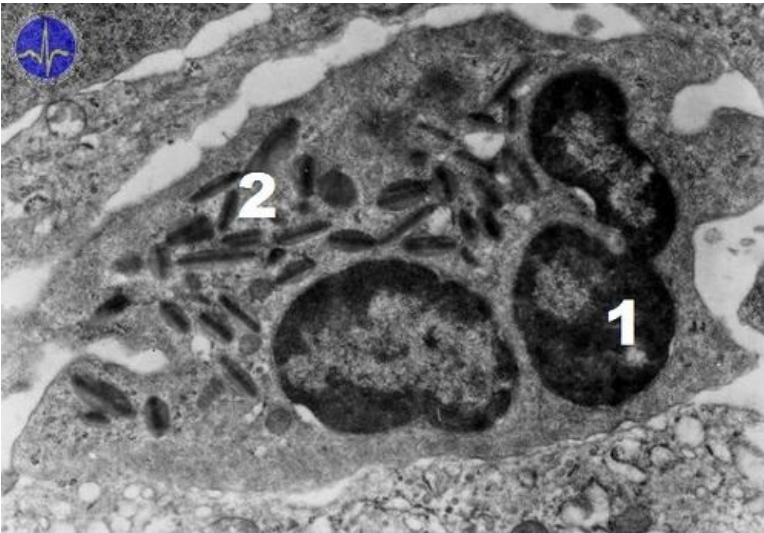


Name: **Capillary - electronogram**

Description: 1 - erythrocyte in the transverse section (biscuit shaped), 2 - trombocyte, 3 - nucleus of the endothelial cell,

4 - cytoplasm of the endothelial cell, 5 - collagen fibrils in longitudinal and transverse section

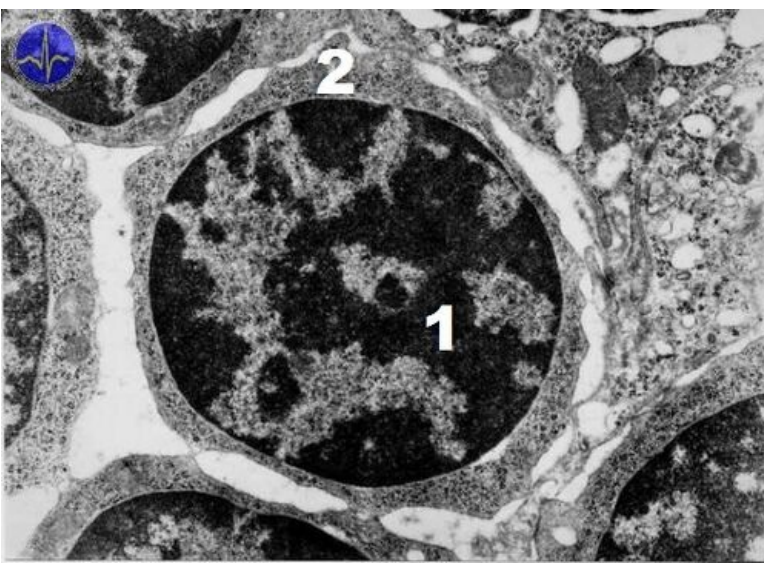
## Slide 10



Name: **Eosinophil - electronogram**

Description: 1 - nucleus, 2 - granules (dense center is so-called internum or marrow, light cover is so-called externum or matrix)

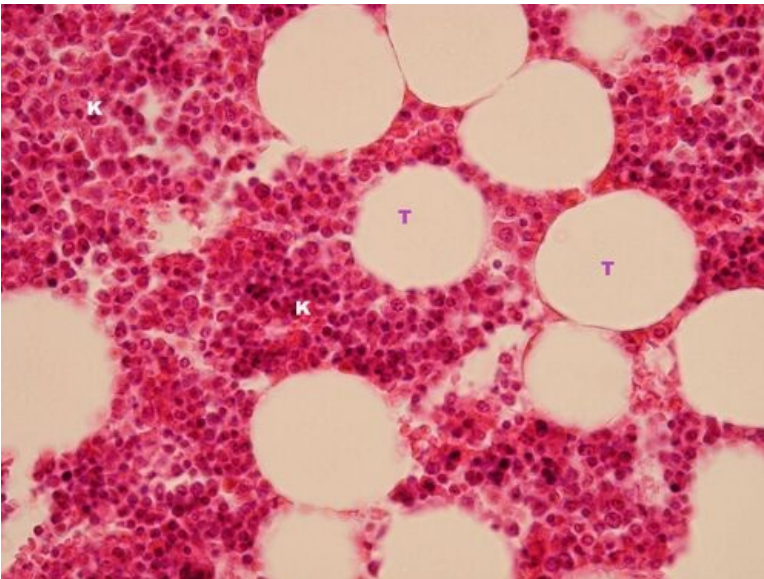
## Slide 11



Name: **Lymphocyte - electronogram**

Description: 1 - nucleus, 2 - thin rim of the cytoplasm

## Slide 12



Name: **Bone marrow - film slide (staining according to Pappenheim)**

Description: K – blood cells – a mixture of different stages of development of the red blood cells, white blood cells and megakaryocytes,

T – fat cells

## Links

- Module Cell basis of medicine (3. LF UK)

## Study materials for this slide

- Blood