

Polychromatophilic erythroblast



In the basophilic erythroblast stage, the cell began to synthesize **hemoglobin**. Its **accumulation** changes the tint properties so that the polychromatophilic erythroblast is both **eosinophilic** (acidophilic) due to hemoglobin and **basophilic** due to ribosomes in the cytoplasm. The resulting color of the cytoplasm is thus a combination of both colors or eosinophilic and basophilic regions are visible in them. The nucleus is again **smaller** and **more condensed** compared to the previous stage.

Links

Related articles

- Hematopoiesis (histology)

References

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- MESCHER, Anthony L a Luiz Carlos Uchôa JUNQUEIRA. *Junqueira's Basic Histology*. 12. vydání. United States : McGraw-Hill Education - Europe, 2009. 480 s. ISBN 9780071630207.