

LITERATURE

- ČHS: "Referenční meze." Doporučení České hematologické společnosti. Accessed January 22, 2020. http://www.hematology.cz/doporuceni/laboratorni_sekce/referencni_meze.php.
- Arend P.: "How blood group A might be a risk and blood group O be protected from Coronavirus (COVID-19) infections." Preprint, submitted March 27, 2020. <https://doi.org/10.1101/2020.03.11.20031096>.
- Atkins, C.G., Buckley, K., Blades, M.W., and Turner, R.F.B.: "Raman Spectroscopy of Blood and Blood Components." *Applied Spectroscopy* 71, no. 5. (2017): 767–793.
- Attar, A.: "Changes in the Cell Surface Markers During Normal Hematopoiesis: A Guide to Cell Isolation." *Global Journal of Hematology and Blood Transfusion* 1 (2014): 20–28. E-ISSN: 2408-9877/14.
- Bessis, M.: *Living blood cells and their ultrastructure*. Heidelberg: Springer-Verlag, 1973.
- Bessis, M.: *Corpuscles. Atlas of Red Blood Cell Shapes*. Heidelberg: Springer-Verlag, 1974.
- Yan, D., Wei, L., Kui, L., et al.: "Clinical characteristics of fatal and recovered cases of coronavirus disease 2019 (COVID-19) in Wuhan, China (a retrospective study)." *Chinese Medical Journal* 133, no.11 (2020). doi: 10.1097/CM9.0000000000000824.
- Gerasimov, I.G., and Ignatov, D.Y.: "Functional heterogeneity of human blood neutrophils: generation of oxygen active species." *Tsitologiya* 43, no. 5 (2001): 432–436. PMID 11517658.
- Ghomi, M.: *Application of Raman Spectroscopy to Biology. From Basic Studies to Disease Diagnosis*. Amsterdam: IOS Press, 2012. ISBN 978-1-60750-999-8.
- Gulati, G., and Caro, J.: *Blood Cells; an Atlas of Morphology with clinical relevance*. Hong Kong: American Society for Clinical Pathology Press, 2011.
- Haabeth, O.A.W., Tveita, A. A., Fauskanger, M., Schjesvold, F., Lorvik, K.B., Hofgaard, P.O., Omholt, H., Munthe, L. A., Dembic, Z., Corthay, A., and Bogen, B.: "How Do CD4+ T Cells Detect and Eliminate Tumor Cells That Either Lack or Express MHC Class II Molecules?" *Frontiers in Immunology* 5 (January 1 2014). doi:10.3389/fimmu.2014.00174. PMC 3995058.
- Hakomori, S.: "Antigen structure and genetic basis of histo-blood groups A, B and O: their changes associated with human cancer." *Biochimica and Biophysica Acta* 1473, no. 1 (1999): 247–266.
- Hartigan-O'Connor, D.J., Hirao, L.A., McCune, J.M., and Dandekar, S.: "Th17 cells and regulatory T cells in elite control over HIV and SIV." *Current Opinion in HIV and AIDS* 6, no. 3 (May 2011): 221–7. doi:10.1097/COH.0b013e32834577b3. PMC 4079838 . PMID 21399494.
- Chan, J.W., Taylor, D.S., Thompson, D.L.: "The Effect of Cell Fixation on the Discrimination of Normal and Leukemia Cells with Laser Tweezers Raman Spectroscopy." *Biopolymers* 91, no. 2 (2008): 132–139.
- Chen, K., Yuen, C., Aniweh, Y., Preiser, P., Liu, Q.: "Towards ultrasensitive malaria diagnosis using surface enhanced Raman spectroscopy." *Sci Rep* 6, 20177 (February 9, 2016). doi: 10.1038/srep20177.

- Ignatov, D.Y.: "Functional heterogeneity of human neutrophils and their role in peripheral blood leukocyte quantity regulation." PhD diss., Donetsk National Medical University, 2012. doi:10.13140/RG.2.2.35542.34884.
- Minh-Trang Phan, M.T., Chun, S., Kim, S.H., Ali, A. K., Lee, S. H., Kim, S., Kim, S. H., and Cho, D.: "Natural killer cell subsets and receptor expression in peripheral blood mononuclear cells of a healthy Korean population: Reference range, influence of age and sex, and correlation between NK cell receptors and cytotoxicity." *Human Immunology* 78, no. 2 (2017): 103–112.
- Jamur, M.C. and Oliver, C.: "Mast cell function: a new vision of an old cell." *Journal of Histochemistry and Cytochemistry* 62, no. 10 (2014): 698–738. doi:10.1369/0022155414545334. PMC 4230976. PMID 25062998.
- Junqueira, L. C., Carneiro, J., and Kelley R. O.: *Základy histologie*. 7th ed. Jinočany: H&H, 1997: 219–248.
- Kierszenbaum, A. L., and Tres, L. L.: *Histology and cell biology*. 3rd ed. Philadelphia, PA: Saunders, 2012: 169–201.
- Klika, E.: *Histologie*. Praha: Avicenum, 1985: 136–162.
- Lüllmann-Rauch, R.: *Histologie*. Translated 3rd ed. Prague: Grada, 2012: 230–248.
- Malínský, J., Lichnovský, V., and Michalíková, Z.: *Přehled histologie člověka v obrazech*. Vol. 1 and 2. 2nd edition. Olomouc: UP LF, 2009: 140–153.
- Mescher, A.L.: *Junqueira's Basic Histology: Text and Atlas*. 14th, international ed. New York: McGraw-Hill Medical, 2016.
- Mills, S.E.: *Histology for Pathologists*. Philadelphia: Lippincott, Williams & Wilkins, 2007: 799–836.
- Ovalle, W.K., and Nahirney, P.C.: *Netter's Essentials Histology*. Philadelphia: Saunders Elsevier, 2008: 157–172.
- Penka, M., and Tesařová E.: *Hematologie a transfuzní lékařství I*. Prague: Grada, 2011.
- Pížová, K.: "Využití analýzy DNA při určování krevních skupin systému ABO u lidského kosterního materiálu." Bachelor's thesis, Masarykova univerzita, Přírodovědecká fakulta, 2008. Accessed March 26, 2012. http://is.muni.cz/th/184739/prif_b.
- Singh, B., Schwartz J.A., Sandrock, C., Bellemore, S.M., and Nikoopour, E.: "Modulation of autoimmune diseases by interleukin (IL)-17 producing regulatory T helper (Th17) cells." *The Indian Journal of Medical Research* 138, no. 5 (November 2013): 591–4. PMC 3928692. PMID 24434314.
- Slípka, J.: *Outlines of Histology*. 3rd ed. Prague: Karolinum, 2012: 69–80.
- Stevens, A., and Lowe, J.: *Human Histology*. 3rd ed. Reprinted, Philadelphia: Elsevier Mosby, 2011: 107–124.
- Wolf, J.: *Histologie*. Praha: SZN, 1966.
- Watkins, W.M.: "The ABO blood group system: historical background." *Transfusion Medicine* 11, no.4 (2001): 243–265.
- Zhao, J., Yang, Y., Huang, H., Li, D., Gu, D., Lu, X., et al.: "Relationship between the ABO Blood Group and COVID-19 Susceptibility." Preprint, submitted March 27, 2020. <https://doi.org/10.1101/2020.03.11.20031096>.