**References**

1. Markova E. V. Immune cells and regulation of behavioral reactions in health and disease. Krasnoyarsk: Scientific and Innovation Center, 2021, 184 p [in Russ]

2. Markova E.V., Savkin I.V., Knyazheva M.A., Shushpanova T.V. Anticonvulsant with immunomodulating properties in alcoholism therapy: experimental study. Siberian Herald of Psychiatry and Addiction Psychiatry, 2020, no. 1(106), pp.14–22 [in Russ].

3. Markova E.V., Savkin I.V., Shushpanova T.V., Knyazheva M.A., Anikeeva O.S. Immunomodulator. Patent for invention RU 2691143 C1. Inventions and utility models. Official Bulletin of the Federal Service for Intellectual Property, 2019, no. 17 [in Russ].

4. Ballard H. S. The hematological complications of alcoholism. Alcohol Health. Res. World, 1997, Vol. 21, pp. 42-52.

5. Goodson CM, Clark BJ, Douglas IS. Predictors of severe alcohol withdrawal syndrome: a systematic review and meta-analysis. Alcohol Clin Exp Res., 2014, Vol.38, no. 10, pp.2664-2677.

6. [Latvala J., Parkkila S., Niemelä O. Excess alcohol consumption is common in patients with cytopenia: studies in blood and bone marrow cells. Alcohol Clin. Exp. Res., 2004, Vol. 28, pp. 619.](https://www.uptodate.com/contents/hematologic-complications-of-alcohol-use/abstract/15)

 7. Manappallil R. G. Acute onset pancytopenia following alcohol heavy drinking. Asian J. Bio-Med. Res., 2016, Vol. 2, no. 2, pp. 2454-6275.

 8 Markova E., Knyazheva M., Savkin I., Shushpanova T. Effect of original anticonvulsant *meta-*chloro-benzhydryl-urea on behavioral and immune parameters in mice with active and passive behavior types in experimental alcoholism. European Psychiatry, 2017, Vol. 41(S1), pp. 742-743.

 9. Markova E.V., Savkin I.V., Anikeeva O.S., Shushpanova T.V. Immunomodulatory effect of original anticonvulsant meta-chloro-benzhydryl-urea in mice with experimental alcoholism. European Psychiatry. 2019. Vol. 56(S1), pp. S662-S663.

 10. Markova E.V., Savkin I.V., Serenko E.V., Knyazheva M.A., Shevchenko Yu.A. The Central Effects of Peripherally Administered Immune Cells Modulated by an Original Anticonvulsant in Experimental Alcoholism. Neurochem. J., 2023, Vol. 17, no. 4, pp. 534–542.

 11. Pasala S., Barr T., Messaoudi I. Impact of Alcohol Abuse on the Adaptive Immune System. Alcohol Res.: Curr. Reviews, 2015, Vol. 37(2), pp.185-197.

 12. [Savage D., Lindenbaum J. Anemia in alcoholics. Medicine (Baltimore), 1986, Vol. 65(5), pp. 322](https://www.uptodate.com/contents/hematologic-complications-of-alcohol-use/abstract/14)–338.

13. [Shi](https://pubmed.ncbi.nlm.nih.gov/?term=Shi%20X%5BAuthor%5D) X.,  [DeLucia](https://pubmed.ncbi.nlm.nih.gov/?term=DeLucia%20AL%5BAuthor%5D) A.L., [Bao](https://pubmed.ncbi.nlm.nih.gov/?term=Bao%20J%5BAuthor%5D) J.,  [Zhang](https://pubmed.ncbi.nlm.nih.gov/?term=Zhang%20P%5BAuthor%5D) P.. Alcohol Abuse and Disorder of Granulopoiesis. [Pharmacol. Ther., 2019, Vol. 198, pp. 206–219.](https://www.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&retmode=ref&cmd=prlinks&id=30831129)

14. [Silczuk](https://pubmed.ncbi.nlm.nih.gov/?term=Silczuk+A&cauthor_id=32330589) А.,  [Habrat](https://pubmed.ncbi.nlm.nih.gov/?term=Habrat+B&cauthor_id=32330589) В. Alcohol-induced thrombocytopenia: Current review. Alcohol, 2020, Vol. 86, pp. 9-16.

15. Smith C., Gasparetto M., Jordan C., Pollyea D.A., Vasiliou V. The effects of alcohol and aldehyde dehydrogenases on disorders of hematopoiesis. Adv. Exp. Med. Biol., 2015, Vol. 815, pp. 349–359.