

1. Razquin, C., Martinez, J.A., Martinez-Gonzalez, M.A., Corella, D., Santos, J.M. and Marti, A., 2009. The Mediterranean diet protects against waist circumference enlargement in 12Ala carriers for the PPAR γ gene: 2 years' follow-up of 774 subjects at high cardiovascular risk. *British journal of nutrition*, 102(05), pp.672-679.
2. Ruchat, S.M., Rankinen, T., Weisnagel, S.J., Rice, T., Rao, D.C., Bergman, R.N., Bouchard, C. and Perusse, L., 2010. Improvements in glucose homeostasis in response to regular exercise are influenced by the PPAR γ Pro12Ala variant: results from the HERITAGE Family Study. *Diabetologia*, 53(4), pp.679-689.
3. Kilpeläinen, T.O., Lakka, T.A., Laaksonen, D.E., Lindström, J., Eriksson, J.G., Valle, T.T., Hämäläinen, H., Ilanne-Parikka, P., Keinänen-Kiukaanniemi, S., Lindi, V. and Tuomilehto, J., 2008. SNPs in PPAR γ associate with type 2 diabetes and interact with physical activity. *Medicine and science in sports and exercise*, 40(1), pp.25-33.
4. Maciejewska-Karlowska, A., Sawczuk, M., Cieszczyk, P., Zarebska, A. and Sawczyn, S., 2013. Association between the Pro12Ala polymorphism of the peroxisome proliferator-activated receptor gamma gene and strength athlete status. *PloS one*, 8(6), p.e67172.
5. Drozdovska, S.B., Dosenko, V.E., Ahmetov, I.I. and Ilyin, V.N., 2013. The association of gene polymorphisms with athlete status in Ukrainians. *Biol Sport*, 30(3), pp.163-7.
6. Ahmetov, I.I., Mozhayskaya, I.A., Lyubaeva, E.V., Vinogradova, O.L. and Rogozkin, V.A., 2008. PPAR γ Gene polymorphism and locomotor activity in humans. *Bulletin of experimental biology and medicine*, 146(5), pp.630-632.
7. Deeb, S.S., Fajas, L., Nemoto, M., Pihlajamäki, J., Mykkänen, L., Kuusisto, J., Laakso, M., Fujimoto, W. and Auwerx, J., 1998. A Pro12Ala substitution in PPAR γ 2 associated with decreased receptor activity, lower body mass index and improved insulin sensitivity. *Nature genetics*, 20(3), pp.284-287.
8. Ahmetov, I.I. and Fedotovskaya, O.N., 2015. Chapter Six-Current Progress in Sports Genomics. *Advances in clinical chemistry*, 70, pp.247-314.
9. Akhmetov, I.I., Popov, D.V., Mozhaïskaia, I.A., Missina, S.S., Astratenkova, I.V., Vinogradova, O.L. and Rogozkin, V.A., 2007. [Association of regulatory genes polymorphisms with aerobic and anaerobic performance of athletes]. *Rossiiskii fiziologicheskii zhurnal imeni IM Sechenova/Rossiiskaia akademiia nauk*, 93(8), pp.837-843.
10. Masud, S. and Ye, S., 2003. Effect of the peroxisome proliferator activated receptor- γ gene Pro12Ala variant on body mass index: a meta-analysis. *Journal of medical genetics*, 40(10), pp.773-780.

11. Adamo, K.B., Sigal, R.J., Williams, K., Kenny, G., Prud'homme, D. and Tesson, F., 2005. Influence of Pro12Ala peroxisome proliferator-activated receptor γ 2 polymorphism on glucose response to exercise training in type 2 diabetes. *Diabetologia*, 48(8), pp.1503-1509.