

## Publications for Vladimir Balcar

### 2018

Matuskova, V., Balcar, V., Khan, N., Bonczek, O., Ewerlingova, L., Zeman, T., Kolar, P., Vyslouzilova, D., Vlkova, E., Sery, O. (2018). CD36 gene is associated with intraocular pressure elevation after intravitreal application of anti-VEGF agents in patients with age-related macular degeneration: Implications for the safety of the therapy. *Ophthalmic Genetics*, 39(1), 4-10. <a href="http://dx.doi.org/10.1080/13816810.2017.1326508">[More Information]</a>

Halova, A., Janoutova, J., Ewerlingova, L., Janout, V., Bonczek, O., Zeman, T., Gerguri, T., Balcar, V., Sery, O. (2018). CHAT gene polymorphism rs3810950 is associated with the risk of Alzheimer's disease in the Czech population. *Journal of Biomedical Science*, 25(1), 1-9. <a href="http://dx.doi.org/10.1186/s12929-018-0444-2">[More Information]</a>

Kashem, M., Sultana, N., Balcar, V. (2018). Exposure of Rat Neural Stem Cells to Ethanol Affects Cell Numbers and Alters Expression of 28 Proteins. *Neurochemical Research*, 43(9), 1841-1854. <a href="http://dx.doi.org/10.1007/s11064-018-2600-1">[More Information]</a>

Bonczek, O., Bielik, P., Krejci, P., Zeman, T., Izakovicova-Holla, L., Soukalova, J., Vanek, J., Gerguri, T., Balcar, V., Sery, O. (2018). Next generation sequencing reveals a novel nonsense mutation in MSX1 gene related to oligodontia. *PLoS One*, 13(9), 1-13. <a href="http://dx.doi.org/10.1371/journal.pone.0202989">[More Information]</a>

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Kashem, M., Lee, A., Pow, D., Sery, O., Balcar, V. (2017). Could ethanol-induced alterations in the expression of glutamate transporters in testes contribute to the effect of paternal drinking on the risk of abnormalities in the offspring? *Medical Hypotheses*, 98, 57-59. <a href="http://dx.doi.org/10.1016/j.mehy.2016.11.015">[More Information]</a>

Hlouskova, A., Bielik, P., Bonczek, O., Balcar, V., Sery, O. (2017). Mutations in AXIN2 gene as a risk factor for tooth agenesis and cancer: A review. *Neuroendocrinology Letters*, 38(3), 131-137.

Bonczek, O., Balcar, V., Sery, O. (2017). PAX9 gene mutations and tooth agenesis: A review. *Clinical Genetics*, 92(5), 467-476. <a href="http://dx.doi.org/10.1111/cge.12986">[More Information]</a>

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Lee, A., Stevens, M., Anderson, A., Kwan, A., Balcar, V., Pow, D. (2016). A novel splice variant of the Excitatory Amino Acid Transporter 5: Cloning, immunolocalization and functional characterization of hEAAT5v in human retina. *Neurochemistry International*, 101, 76-82. <a href="http://dx.doi.org/10.1016/j.neuint.2016.10.013">[More Information]</a>

Sery, O., Hinecka, L., Povova, J., Bonczek, O., Zeman, T., Janout, V., Ambroz, P., Khan, N., Balcar, V. (2016). Arachidonate 5-lipoxygenase (ALOX5) gene polymorphism is associated with Alzheimer's disease and body mass index. *Journal of the Neurological Sciences*, 362, 27-32. <a href="http://dx.doi.org/10.1016/j.jns.2016.01.022">[More Information]</a>

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