

### Selected publications

- Samatov T.R., Galatenko V.V., Block A. et al. *Novel biomarkers in cancer: The whole is greater than the sum of its parts*. Seminars in Cancer Biology, 2017.
- Kononenko O., Galatenko V., Andersson M. et al. *Intra- and interregional coregulation of opioid genes: broken symmetry in spinal circuits*. The FASEB Journal, 2017.
- Galatenko V.V., Shkurnikov M.Yu., Samatov T.R. et al. *Highly informative marker sets consisting of genes with low individual degree of differential expression*. Scientific Reports, 2015.
- Maltseva D.V., Galatenko V.V., Samatov T.R. et al. *miRNome of inflammatory breast cancer*. BMC Research Notes, 2014.
- Makarova J.A., Maltseva D.V., Galatenko V.V. et al. *Exercise immunology meets MiRNAs*. Exercise immunology review, 2014.
- Tonevitsky A.G., Maltseva D.V., Galatenko V.V. et al. *Dynamically regulated miRNA-mRNA networks revealed by exercise*. BMC Physiology, 2013.
- Maltseva D.V., Khaustova N.A., Fedotov N.N., Galatenko V.V. et al. *High-throughput identification of reference genes for research and clinical RT-qPCR analysis of breast cancer samples*. Journal of Clinical Bioinformatics, 2013.
- Sirota-Madi A., Olender T., Brodsky L., Galatenko V., Ben-Jacob, E. et al. *Genome sequence of the pattern forming Paenibacillus vortex bacterium reveals potential for thriving in complex environments*, BMC Genomics, 2010.
- Galatenko V.V., Lukashenko T.P., Sadovnichii V.A. *The condition of almost everywhere convergence for a functional series with a weak analogue of the orthonormality property*. Moscow University Mathematics Bulletin, 2016.
- Galatenko V.V. *A tree labeling problem with an application to optimal approximation of continuous functions*. Mathematical Notes, 2012.
- Galatenko V.V., Livshitz E.D. *Generalized approximate weak greedy algorithms*. Mathematical Notes, 2005.
- Galatenko V.V. *On orthorecursive expansions with errors in the calculation of coefficients*. Izvestiya: Mathematics, 2005.

Total number of publications indexed by Scopus – over 40; references – over 170; h-index – 6.

### Patent

RU 2 626 603 (2017) Shkurnikov M.Yu., Galatenko V.V., Galatenko A.V., Samatov T.R., Tonevitsky A.G. *A method for quantification of recurrence risk for mammary gland oncopathology*