

## **Публикации оппонента д.б.н. Лутовой Людмилы Алексеевны по теме оппонируемой диссертации**

1. Sulima A.S., Zhukov V.A., Afonin A.A., Zhernakov A.I., Tikhonovich I.A., Lutova L.A. Selection Signatures in the First Exon of Paralogous Receptor Kinase Genes from the Sym2 Region of the *Pisum sativum* L. Genome. *Frontiers in Plant Science*. 2017. 8:1957.
2. Azarakhsh M., Lebedeva M.A., Lutova L.A. Identification and expression analysis of *Medicago truncatula* isopentenyl transferase genes (*IPTs*) involved in nodulation. *Frontiers in plant science*. 2018. 9: 304.
3. Samorodova A.P, Tvorogova V.E., Tkachenko A.A., Potsenkovskaya E. A., Lebedeva M.A. Tikhonovich I.A., Lutova L.A. Agrobacterial tumors interfere with nodulation and demonstrate the expression of nodulation-induced *CLE* genes in pea. *Journal of Plant Physiology*. 2018. V. 221. P. 94-100.
4. Tvorogova, V.E., Fedorova, Y.A., Potsenkovskaya, E.A., Kudriashov, A.A., Efremova, E.P., Kvirkovskaya, V.A., Wolabu, T.W., Zhang, F., Tadege, M., Lutova, L.A. The WUSCHEL-related homeobox transcription factor MtWOX9-1 stimulates somatic embryogenesis in *Medicago truncatula* // *Plant Cell Tiss. Organ. Cult.* 2019. V. 138, P. 517–527.
5. Azarakhsh M., Lebedeva M.A., Lutova L.A. *MtKNOX3* - a possible regulator of cytokinin pathway during nodule development in *Medicago truncatula*. In “The Model Legume *Medicago truncatula*” ed. Frans J. de Bruijn, John Wiley & Sons, Incorporated, Section 9.1.3. 2019.
6. Azarakhsh M, Rumyantsev AM, Lebedeva MA, Lutova LA. Cytokinin biosynthesis genes expressed during nodule organogenesis are directly regulated by the KNOX3 protein in *Medicago truncatula*. *PLoS One*. 2020 15(4):e0232352.
7. Dodueva I.E., Lebedeva M.A., Kuznetsova K.A., Gancheva M.S., Paponova S.S., Lutova L.A. Plant tumors: a hundred years of study. *Planta*. 2020. 251(4):82. doi: 10.1007/s00425-020-03375-5.
8. Lebedeva M., Azarakhsh M., Yashenkova Y., Lutova L. Nitrate-induced CLE peptide systemically inhibits nodulation in *Medicago truncatula*. *Plants* 2020. 9, 1456
9. Tkachenko A.A., Gancheva M.S., Tvorogova V.E., Danilov L.G., Predeus A.V., Dodueva I.E., Lutova L.A. Transcriptomic analysis of crown gall in radish (*Raphanus sativus* L.) inbred lines. *Annals of Applied Biology* 2021, 178, 527-548.
10. Tkachenko A., Dodueva I., Tvorogova V., Predeus A., Pravdina O., Kuznetsova K., Lutova L. Transcriptomic Analysis of Radish (*Raphanus sativus* L.) Spontaneous Tumor. *Plants* 2021, 10, 919.
11. Gancheva M., Dodueva I., Lebedeva M., Lutova L. *CLAVATA3/EMBRYO SURROUNDING REGION (CLE)* Gene Family in Potato (*Solanum tuberosum* L.): Identification and Expression Analysis. *Agronomy* 2021; 11(5):984.
12. Dodueva I., Lebedeva M., Lutova L. Dialog between Kingdoms: Enemies, Allies and Peptide Phytohormones. *Plants*. 2021, 10(11), 2243;
13. Potsenkovskaya E., Tvorogova V., Yakovleva D., Zlydneva N., Lutova L. Novel *NF-Y* genes expressed during somatic embryogenesis in *Medicago truncatula*. *Plant Gene*, 2022, 31, 100364
14. Kuznetsova K, Dodueva I, Gancheva M, Lutova L. Transcriptomic Analysis of Radish (*Raphanus sativus* L.) Roots with CLE41 Overexpression. *Plants (Basel)*. 2022, 11(16):2163.