

**Еланская Ирина Владимировна**, доктор биологических наук (специальность 03.02.07 – генетика), доцент, ведущий научный сотрудник кафедры генетики Биологического факультета Московского государственного университета имени М.В. Ломоносова.

Адрес: 119234, Россия, Москва, Ленинские горы, д. 1, стр. 12

Телефон: +7 (495) 939-11-79

e-mail: [ivelanskaya@mail.ru](mailto:ivelanskaya@mail.ru)

Перечень опубликованных работ по специальности оппонируемой диссертации:

1. **И.В. Еланская**, И.А. Кононова, Е.П. Лукашев, Ю.В. Болычевцева, М.Ф. Янюшин, И.Н. Стадничук. Функции хромофорного домена в большом линкерном LCM-полипептиде фикобилисом. Доклады РАН 2016 (в печати).
2. Voloshina O.V., Bolychevtseva Y.V., Kuzminov F.I., Gorbunov M.Y., **Elanskaya I.V.**, Fadeev V.V. Photosystem II activity of wild type *Synechocystis* PCC 6803 and its mutants with different plastoquinone pool redox states. *Biochemistry (Moscow)*, 2016, 81(8): 858-870 DOI: 10.1134/S000629791608006X
3. Maksimov EG, Klementiev KE, Shirshin EA, Tsoraev GV, **Elanskaya IV**, Paschenko VZ. Features of temporal behavior of fluorescence recovery in *Synechocystis* sp. PCC6803. *Photosynth Res.* 2015 125(1-2):167-78. doi: 10.1007/s11120-015-0124-y.
4. Bolychevtseva YV, Kuzminov FI, **Elanskaya IV**, Gorbunov MY, Karapetyan NV. Photosystem activity and state transitions of the photosynthetic apparatus in cyanobacterium *Synechocystis* PCC 6803 mutants with different redox state of the plastoquinone pool. *Biochemistry (Mosc)*. 2015, 80(1):50-60. doi: 10.1134/S000629791501006X.
5. Akulinkina DV, Bolychevtseva YV, **Elanskaya IV**, Karapetyan NV, Yurina NP. Association of High Light-Inducible HliA/HliB Stress Proteins with Photosystem 1 Trimers and Monomers of the Cyanobacterium *Synechocystis* PCC 6803. *Biochemistry (Mosc)*. 2015, 80(10):1254-61. doi: 10.1134/S0006297915100053.
6. Kuzminov FI, Bolychevtseva YV, **Elanskaya IV**, Karapetyan NV. Effect of APCD and APCF subunits depletion on phycobilisome fluorescence

of the cyanobacterium *Synechocystis* PCC 6803. J Photochem Photobiol B. 2014, 133:153-60. doi: 10.1016/j.jphotobiol.2014.03.012.

7. Maksimov EG, Schmitt FJ, Shirshin EA, Svirin MD, **Elanskaya IV**, Friedrich T, Fadeev VV, Paschenko VZ, Rubin AB. The time course of non-photochemical quenching in phycobilisomes of *Synechocystis* sp. PCC6803 as revealed by picosecond time-resolved fluorimetry. Biochim Biophys Acta. 2014,1837(9):1540-7. doi: 10.1016/j.bbabi.2014.01.010.

8. Kuzminov FI, Karapetyan NV, Rakhimberdieva MG, **Elanskaya IV**, Gorbunov MY, Fadeev VV. Investigation of OCP-triggered dissipation of excitation energy in PSI/PSII-less *Synechocystis* sp. PCC 6803 mutant using non-linear laser fluorimetry. Biochim Biophys Acta. 2012,1817(7):1012-21. doi: 10.1016/j.bbabi.2012.03.022.

9. Stadnichuk Igor N., Yanyushin Mikhail F., Maksimov Evgeni G., Lukashev Evgeni P., Zharmukhamedov Sergei K., **Elanskaya Irina V.**, Paschenko Vladimir Z. Site of non-photochemical quenching of the phycobilisome by orange carotenoid protein in the cyanobacterium *Synechocystis* sp PCC 6803. Biochimica et Biophysica Acta - Bioenergetics, 2012, 1817( 8): 1436-1445. DOI: 10.1016/j.bbabi.2012.03.023.