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Контакты

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Образование

| | | |
|-----------|----------------|-----------------------------|
| 1986–1991 | Москва, Россия | Биологический факультет МГУ |
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Работа в ИБХ

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|---------------|---------------------------|
| 2024–наст.вр. | Ведущий научный сотрудник |
| 2020–2024 | Главный научный сотрудник |
| 2018–2024 | Главный научный сотрудник |
| 2020–2024 | Главный научный сотрудник |

Членство в советах и комиссиях ИБХ

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|-------------------------|
| Методическая комиссия |
| Ученый совет |
| Аттестационная комиссия |

Степени и звания

| | |
|------|---|
| | Член-корреспондент РАН |
| 2016 | Профессор РАН |
| | Доктор наук (Биологические науки, 03.00.03 — Молекулярная биология) |

Гранты и проекты

| | |
|-------|---|
| 2019– | Выявление конформационно-подвижных участков потенциал-чувствительного белка |
| 2021 | млекопитающих претина с помощью направленных инсерций флуоресцентного белка |

Публикации

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2. Stepanov AI, Zhurlova PA, Shuvaeva AA, Sokolinskaya EL, Gurskaya NG, **Lukyanov KA**, Putlyaeva LV (2023). Optogenetics for sensors: On-demand fluorescent labeling of histone epigenetics. *Biochem Biophys Res Commun* 687, 149174, [10.1016/j.bbrc.2023.149174](#)
3. Stepanov AI, Putlyaeva LV, Didych DA, Galiakberova AA, Gurskaya NG, **Lukyanov KA** (2023). ATOH1 factor expression induces rapid differentiation of iPSCs into neurons. *Bulletin of Russian State Medical*

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4. Mamontova AV, Simonyan TR, **Lukyanov KA**, Bogdanov AM (2022). Circular Permutants of BrUSLEE Protein as Fluorescent pH Indicators. *Russ. J. Bioorganic Chem.* 48 (4), 850–853, [10.1134/S106816202204015X](https://doi.org/10.1134/S106816202204015X)
5. **Lukyanov KA** (2022). Fluorescent proteins for a brighter science. *Biochem Biophys Res Commun* 633, 29–32, [10.1016/j.bbrc.2022.08.089](https://doi.org/10.1016/j.bbrc.2022.08.089)
6. Simonyan TR, Protasova EA, Mamontova AV, Shakhov AM, **Lukyanov KA**, Maksimov EG, Bogdanov AM (2022). A Single Fluorescent Protein-Based Indicator with a Time-Resolved Fluorescence Readout for Precise pH Measurements in the Alkaline Range. *Int J Mol Sci* 23 (21), , [10.3390/ijms232112907](https://doi.org/10.3390/ijms232112907)
7. Stepanov AI, Besedovskaia ZV, Moshareva MA, **Lukyanov KA**, Putlyaeva LV (2022). Studying Chromatin Epigenetics with Fluorescence Microscopy. *Int J Mol Sci* 23 (16), , [10.3390/ijms23168988](https://doi.org/10.3390/ijms23168988)
8. Moshareva MA, **Lukyanov KA**, Putlyaeva LV (2022). Fluorescence imaging of epigenetic genome modifications. *Biochem Biophys Res Commun* 622, 86–92, [10.1016/j.bbrc.2022.07.014](https://doi.org/10.1016/j.bbrc.2022.07.014)
9. Kost LA, Iunusova VA, Ivanova VO, Nikitin ES, **Lukyanov KA**, Bogdanov AM (2022). The Electromotive Protein Prestin as a Sensitive Core of the Fluorescent Voltage Indicator. *Russ. J. Bioorganic Chem.* 48 (3), 617–620, [10.1134/S1068162022030098](https://doi.org/10.1134/S1068162022030098)
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17. Protasova EA, Mishin AS, **Lukyanov KA**, Maksimov EG, Bogdanov AM (2021). Chromophore reduction plus reversible photobleaching: how the mKate2 photoconversion works. *Photochem Photobiol Sci* 20 (6), 791–803, [10.1007/s43630-021-00060-8](https://doi.org/10.1007/s43630-021-00060-8)
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 43. **(конференция)** Zagaynova EV, Furman OE, Perfilov MM, Klementieva NV, **Lukyanov KA**, Bozhanova NG, Mishin AS (2018). Dendra2-tagged Lifeact and MAP4 as exchangeable probes for single-molecule fluorescence imaging of cytoskeleton in live cells. *Proc SPIE Int Soc Opt Eng* 10685, , [10.1117/12.2306834](https://doi.org/10.1117/12.2306834)
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 45. **(конференция)** Shirmanova MV, Sergeeva TF, Gavrina AI, Dudenkova VV, **Lukyanov KA**, Zagaynova EV (2018). Multiparametric analysis of cisplatin-induced changes in cancer cells using FLIM. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 10498, , [10.1117/12.2293996](https://doi.org/10.1117/12.2293996)
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