

Сведения о научном руководителе

по диссертации Осипова Андрея Андреяновича «Ранние и отдаленные эффекты воздействия рентгеновского излучения в фибробластах человека: фокусы белков репарации ДНК, пролиферация, аутофагия и старение»

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Список основных научных публикаций по специальности 1.5.1 – «Радиобиология» за последние 5 лет:

1. Molodtsova D., Guryev D.V., Osipov A.N. Composition of Conditioned Media from Radioresistant and Chemoresistant Cancer Cells Reveals miRNA and Other Secretory Factors Implicated in the Development of Resistance. // International Journal of Molecular Sciences. 2023. V. 24. №22. ID:16498. doi: 10.3390/ijms242216498 / Scopus, Web of Science, Q1, IF=5.6
2. Osipov A., Chigasova A., Yashkina E., Ignatov M., Fedotov Y., Molodtsova D., Vorobyeva N., Osipov A.N. Residual Foci of DNA Damage Response Proteins in Relation to Cellular Senescence and Autophagy in X-Ray Irradiated Fibroblasts. // Cells. 2023. V. 12. № 8. ID:1209. <https://doi.org/10.3390/cells12081209> / Scopus Q1, Web of Science IF=6.0
3. Pustovalova M., Malakhov P., Guryanova A., Sorokin M., Suntsova M., Buzdin A., Osipov A.N., Leonov S. Transcriptome-Based Traits of Radioresistant Sublines of Non-Small Cell Lung Cancer Cells. // International Journal of Molecular Sciences. 2023. V. 24. №. 3. ID:3042. <https://doi.org/10.3390/ijms24033042> / Scopus, Web of Science, Q1, IF=5.6
4. Alhaddad L., Nofal Z., Pustovalova M., Osipov A.N., Leonov S. Long-Term Cultured Human Glioblastoma Multiforme Cells Demonstrate Increased Radiosensitivity and Senescence-Associated Secretory Phenotype in Response to Irradiation. // International Journal of Molecular Sciences. 2023. V. 24. № 3. ID: 2002. <https://doi.org/10.3390/ijms24032002> / Scopus, Web of Science, Q1, IF=5.6
5. Alhaddad L., Chuprova-Netochin R., Pustovalova M., Osipov A.N., Leonov S. Polyploid/Multinucleated Giant and Slow-Cycling Cancer Cell Enrichment in Response to X-ray Irradiation of Human Glioblastoma Multiforme Cells Differing in Radioresistance and TP53/PTEN Status. // International Journal of Molecular Sciences. 2023. V. 24. № 2. ID:1228. <https://doi.org/10.3390/ijms24021228> / Scopus, Web of Science, Q1, IF=5.6
6. Alhaddad L., Osipov A.N., Leonov S. The Molecular and Cellular Strategies of Glioblastoma and Non-Small-Cell Lung Cancer Cells Conferring Radioresistance. // International Journal of Molecular Sciences. 2022. V. 23. № 21. ID:13577. <https://doi.org/10.3390/ijms232113577> Scopus, Web of Science, Q1, IF=5.6

7. Pustovalova M., Blokhina T., Alhaddad L., Chigasova A., Chuprov-Netochin R., Veviorskiy A., Filkov G., Osipov A.N., Leonov S. CD44+ and CD133+ Non-Small Cell Lung Cancer Cells Exhibit DNA Damage Response Pathways and Dormant Polyploid Giant Cancer Cell Enrichment Relating to Their p53 Status. // International Journal of Molecular Sciences. 2022. V. 23. № 9. ID: 4922. doi: 10.3390/ijms23094922 / Scopus, Web of Science, Q1, IF=5.6
8. Zalessky A., Fedotov Y., Yashkina E., Nadtochenko V., Osipov A.N. Immunocytochemical Localization of XRCC1 and γH2AX Foci Induced by Tightly Focused Femtosecond Laser Radiation in Cultured Human Cells. // Molecules. 2021. V. 26. No 13. ID: 4027. doi: 10.3390/molecules26134027 / Scopus Q1, Web of Science IF=4.6
9. Tsakanova G., Babayan N., Karalova E., Hakobyan L., Abroyan L., Avetisyan A., Avagyan H., Hakobyan S., Poghosyan A., Baghdasaryan B., Arakelova E., Ayvazyan V., Matevosyan L., Navasardyan A., Davtyan H., Apresyan L., Yeremyan A., Aroutiounian R., Osipov A.N., Grigoryan B., Karalyan Z. Low-Energy Laser-Driven Ultrashort Pulsed Electron Beam Irradiation-Induced Immune Response in Rats. // International Journal of Molecular Sciences. 2021. V. 22. №. 21. ID:11525. doi: 10.3390/ijms222111525 / Scopus, Web of Science, Q1, IF=5.6
10. Alhaddad L., Pustovalova M., Blokhina T., Chuprov-Netochin R., Osipov A.N., Leonov S. IR-Surviving NSCLC Cells Exhibit Different Patterns of Molecular and Cellular Reactions Relating to the Multifraction Irradiation Regimen and p53-Family Proteins Expression. // Cancers (Basel). 2021. V. 13. № 11. ID:2669. doi: 10.3390/cancers13112669. / Scopus Q1, Web of Science IF=5.2
11. Pustovalova M., Alhaddad L., Blokhina T., Smetanina N., Chigasova A., Chuprov-Netochin R., Eremin P., Gilmutdinova I., Osipov A.N., Leonov S. The CD44high Subpopulation of Multifraction Irradiation-Surviving NSCLC Cells Exhibits Partial EMT-Program Activation and DNA Damage Response Depending on Their p53 Status. // International Journal of Molecular Sciences. 2021. V. 22. № 5. ID: 2369. doi: 10.3390/ijms22052369. / Scopus, Web of Science, Q1, IF=5.6
12. Aliper A.M., Bozdaganyan M.E., Sarkisova V.A., Veviorskyy A.P., Ozerov I.V., Orekhov P.S., Korzinkin M.B., Moskalev A., Zhavoronkov A., Osipov A.N. Radioprotectors.org: an open database of known and predicted radioprotectors. // Aging. 2020. V. 12. № 15. P. 15741-15755. doi:10.18632/aging.103815 / Scopus, Web of Science, Q1, IF=5.2
13. Babayan N., Vorobyeva N., Grigoryan B., Grekhova A., Pustovalova M., Rodneva S., Fedotov Y., Tsakanova G., Aroutiounian R., Osipov A. Low repair capacity of DNA double-strand breaks induced by laser-driven ultrashort electron beams in cancer cells. // International Journal of Molecular Sciences. 2020. V. 21. № 24. ID: 9488. doi:10.3390/ijms21249488 / Scopus, Web of Science, Q1, IF=5.6
14. Pustovalova M., Alhaddad L., Smetanina N., Chigasova A., Blokhina T., Chuprov-Netochin R., Osipov A.N., Leonov S. The P53-53BP1-Related Survival of A549 and H1299 Human Lung Cancer Cells after Multifractionated Radiotherapy Demonstrated Different Response to Additional Acute X-Ray Exposure. // International Journal of Molecular Sciences. 2020. V. 21. № 9. ID: 3342. doi:10.3390/ijms21093342 / Scopus, Web of Science, Q1, IF=5.6

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