

The XXVII International Scientific Conference of Young Scientists and Specialists (AYSS-2023)

Monday, 30 October 2023

Life Science - Conference Hall (2nd floor), BLTP (14:20 - 15:50)

| time | [id] title | presenter |
|-------|--|-----------------------|
| 14:20 | [1281] Risks in mussel consumption: temporary trends according to data from Saldanha bay (South Africa) | NEKHOROSHKOV, Pavel |
| 14:35 | [1309] Light Induced Release of Neutrophil Extracellular Traps | Mr ARYNBEK, Yersultan |
| 14:50 | [1390] Elucidating the Distinctions Between Open-State Monomers and Dimers of Human Tissue Transglutaminase | IVASHCHENKO, Sergey |
| 15:05 | [1308] CALCULATION OF DNA DAMAGE IN THE TUMOR CELL ON BORON NEUTRON CAPTURE THERAPY | TUDEVDORJ, Togtokhtur |
| 15:20 | [1468] Clustered DNA double-strand breaks formation under the influence of ionizing radiation with different physical characteristics. | SHAMINA, Daria |
| 15:35 | [1249] Kinetics of repair of double-stranded DNA breaks under the influence of photon radiation | PILINSKAYA, Darya |

Life Science - Conference Hall (2nd floor), BLTP (16:10 - 17:40)

| time | [id] title | presenter |
|-------|---|------------------------|
| 16:10 | [1312] Chromium and nickel in green onion and lettuce irrigated with industrial effluents: accumulation, translocation and health risk assessment | KRAVTSOVA, Alexandra |
| 16:25 | [1379] Investigating ketoprofen using experimental methods and quantum chemical modeling | LOGACHEVA, Kapitolina |
| 16:40 | [1341] Characterization of ibuprofen by IR-spectroscopy and other complementary methods | Ms GERGELEZHIU, Polina |
| 16:55 | [1375] Calculation of the model of the spectrum of interaction with macromolecules by the method of finding symmetries | KHARLAMOVA, Anastasia |

Tuesday, 31 October 2023

Life Science - Conference Hall (2nd floor), BLTP (15:30 - 16:30)

| time | [id] title | presenter |
|-------|---|-------------------|
| 15:30 | [1423] Self-assembling 8-meric apoferritin-RBD recombinant protein complexes – potential efficient vaccines against SARS-CoV-2 | Dr VLASOV, Alexey |
| 15:45 | [1429] SAS Studies Towards Exploring the Potential Use of Protein Ferritin as a Dietary Supplement | Dr VLASOV, Alexey |
| 16:00 | [1339] Analysis of radiation damage to the tardigrade Dsup protein by small angle X-ray scattering | NIZAMIEVA, Albina |
| 16:15 | [1409] Coarse-grained molecular dynamics simulation of DPPC membrane self-assembly in the presence of amyloid beta 25-35 peptides | BADREEVA, Dina |

Life Science - Conference Hall (2nd floor), BLTP (16:50 - 18:20)

| time | [id] title | presenter |
|-------|--|-----------------------|
| 16:50 | [1311] Features of spectroscopic saturation assessment for different organs of the gastrointestinal tract | KRIVETSKAYA, Anna |
| 17:05 | [1448] Functional studies of a new microbial proteorhodopsin from <i>Sphingomonas paucimobilis</i> | SIDOROV, Daniil |
| 17:20 | [1438] Studing of factors affecting the stoichiometry of the ATP synthase c ring. | MINAEVA, Andronika |
| 17:35 | [1454] Structural Analysis of Hybrid Ferritin Oligomers Using AlphaFold2 Predictions and their Potential Biomedical Applications | LAPTENKOVA, Ekaterina |
| 17:50 | [1445] Structural studies of self-assembling ferritin-based protein complexes | GETTE, Margarita |
| 18:05 | [1402] Study of the effect of laser pulse duration in the ultraviolet spectral range on fibroblasts | Ms HAMDAN, Yara |