



# 28th International Scientific Conference of Young Scientists and Specialists (AYSS-2024)

## Wednesday 30 October 2024

### Life Science - 134/4-406 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1796] Radiation Neurobiology: tasks, methods and results	SEVERIUKHIN, Iurii
15:20	[1714] The symmetry method as a way to visualize the interaction of an ultrashort pulse with matter, using the example of RNA molecules, DNA and diamond crystals	Ms KHARLAMOVA, Anastasia
15:35	[1633] A cytoskeletal perspective on mitochondrial stress in Huntington's disease	Mr PASKO, Viacheslav
15:50	[1709] Novel structure-based transglutaminase 2 inhibitors	IVASHCHENKO, Sergey

### Life Science - 134/4-406 (16:30 - 17:30)

time	[id] title	presenter
16:30	[1615] Dynamic Properties of Microtubules: Investigation for Huntington's Disease Terranostics	Mrs CHURKINA, Aleksandra
16:45	[1727] Efficient Iron Loading of Ferritin Produced in E. coli	VLASOV, Alexey
17:00	[1734] Functional studies of archaeal cysteine-less LOV domain	NATAROV, Iliia
17:15	[1750] Exploration of Histidine Kinases in Green Algae: Domain and Structural Analysis	LAPTENKOVA, Ekaterina

# Thursday 31 October 2024

## Life Science - 134/4-406 (12:45 - 13:30)

time	[id] title	presenter
12:45	[1613] Biological efficiency of different quality X-rays estimated by mFISH analysis of chromosome aberrations induced in vitro in human lymphocytes	Mrs SHIPILOVA, Ekaterina
13:00	[1566] DNA double-strand breaks repair kinetics in mammalian and human cells after proton and nitrogen irradiation	Mrs HRAMCO, Tatyana
13:15	[1674] Radiobiology of TGF-beta 1 in antitumor therapy	ZARAIKY, Artem

## Life Science - 134/4-406 (14:50 - 16:05)

time	[id] title	presenter
14:50	[1593] Enhancement of CT imaging via iodine and gadolinium-based contrast media	TUDEVDORJ, Togtokhtur
15:05	[1546] Uptake of copper and silver nanoparticles by Metha Spicata L. and their transfer into herbal infusion	PESHKOVA, Alexandra
15:20	[1522] The ecologico-geochemical assessment of recreational zones of Moscow	Mrs SHVETSOVA, Margarita
15:35	[1601] Correlation analysis of cytoplasmic actin isoforms distribution in endothelial cells	SHAKHOV, Anton
15:50	[1602] Calculations of the cell survival rate after irradiating with minibeam of protons and C-12	SVETLICHNYI, Aleksandr

## Life Science - 134/4-406 (16:30 - 17:30)

time	[id] title	presenter
16:30	[1687] MDR-transporters: intracellular localization and function during sporulation of Saccharomyces cerevisiae	ADAMOVICH, Arina
16:45	[1600] Modeling the survival rate of a heterogeneous population of neural stem cells in response to irradiation with 56Fe particles	GLEBOV, Artem