



**Biological and medical sciences**

**I Poster session**

June 27, 2025 (11:15-12:00)

N <sub>o</sub>	Name	Surname	Poster Title
1	Kulus	Ilona	PHOSPHORUS NUTRITION AS A REGULATOR OF OAT VARIETES ( <i>AVENA SATIVA</i> ) GROWTH AND PHOTOSYNTHETIC APPARATUS ACTIVITY
2	Kwiatkowska-Giżyńska	Justyna	EFFECT ON MOULDS GROWTH AND MYCOTOXIN PRODUCTION BY PLANT EXTRACTS
3	Pudelek	Maciej	MITOFUSIN 2-DEPENDENT MITOCHONDRIAL FUSION AND ENHANCED GLUTAMINE METABOLISM DRIVE GLIOMA CELLS ADAPTATION TO DOXORUBICIN-INDUCED STRESS
4	Szlauer	Wojciech	QUATERNARY AMMONIUM SALTS IN HEALTHCARE - ANTIMICROBIAL ACTIVITY OF NEWLY SYNTHESIZED CATIONIC SURFACTANTS
5	Suhartoyo	Aji	DESIGN AND FABRICATION OF BIOCOMPOSITE SPONGES BASED ON GELLAN GUM/MUSA SAPIENTUM/CUCURBITA MAXIMA FOR SUSTAINABLE WOUND DRESSINGS
6	Nagórka	Michalina	THE INFLUENCE OF <i>Dr FIMBRIAE</i> ON THE ADHESION OF <i>ESCHERICHIA COLI/Dr+</i> STRAINS TO ABIOTIC SURFACES AND KIDNEY STONE COMPONENTS AT VARIABLE pH
7	Lipa	Wojciech	ECHOES OF ANCESTRY: HISTORICAL HYBRIDIZATION AND INTROGRESSION IN EURASIAN WILD BOAR ( <i>SUS SCROFA</i> L., 1758) POPULATIONS
8	Cierpisz	Patryk	THE ROLE OF THE HMU SYSTEM IN PIGMENT FORMATION IN <i>PORPHYROMONAS GINGIVALIS</i>
9	Juszczak	Aleksandra	EVALUATION OF THE PROPERTIES OF DERMOCOSMETICS WITH POTENTIAL USE FOR SKIN CARE OF PATIENTS TREATED WITH RADIATION THERAPY OF THE HEAD AND NECK CANCERS
10	Gajewska	Sandra	DISCOVERY OF THE FIRST AK4 INHIBITORS USING HIGH-THROUGHPUT SCREENING OF A STRUCTURALLY DIVERSE COMPOUND LIBRARY
11	Piórkowska	Wiktoria	NEUROPROTECTIVE PROPERTIES OF CAFFEINE AND NARINGIN IN A SH-SY5Y LINEAGE-BASED MODEL OF PARKINSON'S DISEASE
12	Mazurkiewicz	Edyta	CATIONIC SURFACTANTS IN THE FIGHT AGAINST MICROBIAL RESISTANCE
13	Kozerska	Karolina	CHITOSAN COMPOSITES CROSSLINKED WITH HEMOGLOBIN AND BOVINE SERUM ALBUMIN WITH THE ADDITION OF BODIPY AS POTENTIAL MATERIALS FOR APPLICATION IN PDT
14	Gwiazda	Daria	MATERIALS BASED ON POLYSACCHARIDES ENRICHED WITH PLANT EXTRACT AS POTENTIAL WOUND DRESSINGS
15	Kozlikova	Magdalena	2D AND 3D TUMOR MODELS: APPLICATION TO DETERMINE THE PHOTODYNAMIC ACTIVITY OF THE ORIGINAL PHTHALOCYANINES
16	Krasocka	Weronika	EVALUATION OF THE EFFECT OF VANILLIC ACID ON THE FUNCTIONS OF HUMAN IMMUNE CELLS AND ITS PROTECTIVE PROPERTIES TOWARDS HUMAN PLASMA COMPONENTS
17	Magiera	Anna	OPTIMISATION OF EXTRACTION AND PHYTOCHEMICAL PROFILING OF THE DRY EXTRACT OF <i>PRUNUS PADUS</i> L. BARK
18	Skrzydlewski	Paweł	ANALYSIS OF MYCOTOXINS AND CORTISOL LEVELS IN TISSUES OF WILD BOARS
19	Smolarkiewicz-Wyczachowski	Aleksander	BIOCOMPATIBLE CHITOSAN/KEFIRAN-BASED WOUND DRESSINGS CROSSLINKED WITH DIALDEHYDE KEFIRAN AND ENRICHED WITH HENOLA EXTRACTS
20	Tkacz	Zuzanna	POLYSACCHARIDE-BASED DRESSING SPONGES ENRICHED WITH <i>CLITORIA TERNATEA</i> EXTRACT AND PAPAINE NANOSTRUCTURES AS POTENTIAL SUPPORT IN BATTLEFIELD AND EMERGENCY MEDICAL CARE
21	Zbaranskaya	Alina	BIOMATERIALS CROSSLINKED WITH DIALDEHYDE INULIN AND ENRICHED WITH PLANT EXTRACT AS-POTENTIAL WOUND DRESSING MATERIALS