

Lp	Title	Department
1	Counterfeit Medicines: Quality Analysis of Seized Products	Department of Drug Chemistry, Pharmaceutical and Biomedical Analysis
2	Development of Green Analytical Method for Determination of Selected Antiviral Drug in RSV Treatment for Children	Department of Drug Chemistry, Pharmaceutical and Biomedical Analysis
3	Laccase as the alternative method of removal of pharmaceuticals form environment	Department of Drug Chemistry, Pharmaceutical and Biomedical Analysis
4	Metabolomic Assessment of Microplastic-Induced Toxicity in Aquatic Organisms	Department of Drug Chemistry, Pharmaceutical and Biomedical Analysis
5	Quality Assessment of Selected Dietary Supplements for Cancer Prevention	Department of Drug Chemistry, Pharmaceutical and Biomedical Analysis
6	Do selenated polysaccharides affect the growth of fungal and bacterial strains in submerged cultures?	Department of Drug Technology and Pharmaceutical Biotechnology
7	Investigation of the ability of mycelial cultures of <i>Inonotus obliquus</i> (Chaga mushroom) of biosynthesis of anticancer polysaccharides	Department of Drug Technology and Pharmaceutical Biotechnology
8	In search for new compounds for treatment of neurological disorders	Department of Drug Technology and Pharmaceutical Biotechnology
9	New amino acid derivatives for drug discovery	Department of Drug Technology and Pharmaceutical Biotechnology
10	Accessing a new space of biologically active compounds with multicomponent reactions	Department of Drug Technology and Pharmaceutical Biotechnology
11	Investigation of the ability of white-rot fungi mycelial cultures to decompose pharmaceutical-derived pollutants	Department of Drug Technology and Pharmaceutical Biotechnology
12	Evaluation of the effect of <i>Arctii folium</i> on wound healing in vitro using cell based models	Department of Pharmaceutical Biology
13	Investigation chemotaxonomic differences of chosen <i>Geum</i> species traditionally used in medicine by HPTLC method	Department of Pharmaceutical Biology
14	Investigating of antioxidant and photoprotective activity of <i>Arnebia euchroma</i> extracts	Department of Pharmaceutical Biology
15	Exploring of the antioxidant and anti-aging potential of <i>Larrea tridentata</i> extracts	Department of Pharmaceutical Biology
16	Biotechnological approach on obtaining woundhealing naphthoquinone pigments in <i>Anchusa officinalis</i> L. root in vitro culture	Department of Pharmaceutical Biology
17	Investigation of the chemical composition and gut microbiota metabolism of extracts from lemon balm leaves (<i>Melissa officinalis</i>)	Department of Pharmaceutical Biology
18	The influence of chosen plant extracts on the inflammatory response of keratinocytes and/or fibroblasts in the context of their traditional use in skin diseases	Department of Pharmaceutical Biology
19	Blue Light as a Modulator of Phenolic Compound Biosynthesis in <i>Humulus lupulus</i> <i>In Vitro</i> Cultures	Department of Pharmaceutical Biology
20	Biotechnological Production of Natural Food Colorants Using Hairy Root In Vitro Cultures	Department of Pharmaceutical Biology
21	Exploring the anti-aging potential of plants cultivated <i>in vitro</i>	Department of Pharmaceutical Biology
22	3D Printing of Multifunctional Composite Drug Carriers for Bone Tissue Regeneration	Department of Pharmaceutical Chemistry and Biomaterials
23	Development of 3D printing methods for natural polymer/ silicocarnotite composites for bone defects	Department of Pharmaceutical Chemistry and Biomaterials
24	Mechanochemical methods of synthesis and study of physicochemical properties of new ionic crystals of active pharmaceutical substances	Department of Pharmaceutical Chemistry and Biomaterials
25	Synthesis of triterpene derivatives with antitumor and antiviral activity preceded by <i>in silico</i> research	Department of Pharmaceutical Chemistry and Biomaterials
26	Synthesis of new cannabidiol derivatives and their physicochemical and pharmaceutical properties	Department of Pharmaceutical Chemistry and Biomaterials
27	Polyurethane anti-cancer drug delivery systems - synthesis, structural and application research	Department of Pharmaceutical Chemistry and Biomaterials
28	Enzyme-responsive hydrogels as anti-cancer drug delivery systems - synthesis, structural and application research	Department of Pharmaceutical Chemistry and Biomaterials
29	Toxicity studies of silver nanospheres in zebrafish embryos exposed to electroporation pulses	Department of Toxicology and Food Science
30	Molecularly imprinted polymers based drug delivery devices	Department Organic and Physical Chemistry
31	Synthesis of new coumarin derivatives with expected biological activity	Department Organic and Physical Chemistry
32	NMR and HPLC for the Profiling of Extracts of Natural Products	Department Organic and Physical Chemistry
33	Dietary supplements containing plant extracts - composition analysis and comparison with product labelling.	Department Organic and Physical Chemistry
34	Design, synthesis and property analysis of molecularly imprinted materials for pharmaceutical applications	Department Organic and Physical Chemistry
35	Quantum-chemical modelling of different isomers of medicines molecules	Department Organic and Physical Chemistry
36	Machine Learning-Driven Identification of Natural Antioxidants from Food By-Products Using Zebrafish Toxicity Models	Department Organic and Physical Chemistry
37	The Synergistic Antioxidant Effects of Coffee and Adaptogens	Department Organic and Physical Chemistry
38	Synthesis of new series of 4,7-dimethyl-5-hydroxycoumarin with piperazine moiety	Department Organic and Physical Chemistry
39	Application of molecular modeling methods in the studies of inclusion complexes formed between drugs and cyclodextrins	Department Organic and Physical Chemistry
40	Determining interactions of <i>Cannabis sativa</i> with human gut microbiota	Department of Pharmaceutical Biology and Bioanalysis
41	How procyanidins can influence processes associated with leaky gut syndrome.	Department of Pharmaceutical Biology and Bioanalysis