



**Kyiv Conference
on Analytical Chemistry
2026
KCAC – 2026**



**October 21-23, 2026
Taras Shevchenko
National University of Kyiv
Kyiv, Ukraine**

POSTER SESSION (5 min presentation)	
21 жовтня / October 21, 2026 Time: 16:45 – 17:30	
Login to the zoom conference starting 16:40 (EEST) (UTC+3) at the link Zoom conference: https://knu-ua.zoom.us/j/88026511761?pwd=tWF0WcDFtpBt323obXago1E516oaP9.1 Conference ID: 880 2651 1761 Access code: 588594	
Тема / Topic	Доповідач / Speaker
INTERSYSTEM RECURRENCE OF CONCENTRATION NODES IN AQUEOUS SYSTEMS REVEALED BY SMALL-ANGLE LIGHT SCATTERING FORMALIZED IDENTIFICATION OF STRUCTURAL–REGIME REARRANGEMENTS IN AQUEOUS SYSTEMS USING A SET OF ANALYTICAL PARAMETERS	Svitlana Dolenko , PhD, A.V. Dumansky Institute of Colloid and Water Chemistry
OXYLIGNIN NANOPARTICLES AS SORBENTS FOR EFFECTIVE WATER PURIFICATION	Nataliia Smyk , PhD, Taras Shevchenko National University of Kyiv
INDOPOLYCARBOCYANINE DYES AS ANALYTICAL REAGENTS FOR THE DETERMINATION OF NITRITE, IRON(III), AND OXALATE BY FLUORESCENCE SPECTROSCOPY	Andrii Shabelko , PhD, Taras Shevchenko National University of Kyiv
SEASONAL VARIATIONS IN THE CONGENER COMPOSITION AND PHASE DISTRIBUTION OF POLYCHLORINATED BIPHENYLS IN SURFACE WATERS OF UKRAINE	Volodymyr Balamut , PhD student, A.V. Dumansky Institute of Colloid and Water Chemistry
PROPERTIES OF LIGNOSULFONATE-BASED NANOCOMPOSITE SORBENTS FOR HEAVY METAL CONCENTRATION	Liudmyla Kviatkovska , PhD student, Taras Shevchenko National University of Kyiv
DEVELOPMENT AND VALIDATION OF METHODS FOR DETERMINING FENPICOXAMID RESIDUES IN RAPESEED AND RAPESEED OIL BY HPLC-MS	Maryna Savchuk , student, Academician L.I. Medved Scientific Center of Preventive Toxicology, Food and Chemical Safety, Ministry of Health of Ukraine
EVALUATION OF SAMPLING UNCERTAINTY IN THE DETERMINATION OF TOTAL ORGANIC CARBON, MOBILE SULFUR, AND NITRATE NITROGEN IN SOILS	Nadiya Smetaniuk , PhD student, Taras Shevchenko Kyiv National University



**Kyiv Conference
on Analytical Chemistry
2026
KCAC – 2026**



**October 21-23, 2026
Taras Shevchenko
National University of Kyiv
Kyiv, Ukraine**

POSTER SESSION (5 min presentation)	
22 жовтня / October 22, 2026 Time: 12:20 – 13:05	
Login to the zoom conference starting 12:10 (EEST) (UTC+3) at the link Zoom conference: https://knu-ua.zoom.us/j/88026511761?pwd=tWF0WcDFtpBt3Z3obXago1E516oaP9.1 Conference ID: 880 2651 1761 Access code: 588594	
Тема / Topic	Доповідач / Speaker
DIGITALIZATION OF THE INSTRUMENTAL ANALYSIS LABORATORY COURSE	Kholmovyi Yurii Petrovych , PhD, Donbas State Engineering Academy
EVALUATION OF HEAVY METAL CONTENT AND ACCUMULATION DYNAMICS IN UKRAINIAN SOILS UNDER MILITARY IMPACT	Olena Konoplińska , PhD, Taras Shevchenko National University of Kyiv
MALDI-TOF STUDY OF THE INTERACTION OF LYSOZYME WITH THE SULFONEFLUORESCEINE AND DINITROSULFONEFLUORESCEINE	Kriklya (Kamneva) Nika , PhD, V. N. Karazin Kharkiv National University
NEW DITHIOMALEIMIDE-BASED FLUORESCENT PROBE FOR HYDRAZINE DETECTION	Margarita Voitenko , PhD student, Taras Shevchenko National University of Kyiv
MICELLAR-EXTRACTION PRECONCENTRATION OF MOLYBDENUM(VI) USING MIXED MICELLES AT ROOM TEMPERATURE	Kyrylo Snihur , PhD student, Odesa I.I. Mechnikov National University
CLOUD POINT EXTRACTION COUPLED WITH ICP-MS FOR TRACE-ELEMENT AND ISOTOPIC ANALYSIS	Oleksandra Horban , PhD student, Taras Shevchenko National University of Kyiv
POTENTIOMETRIC TITRATION OF ANIONIC POLYELECTROLYTES WITH CETYLPYRIDINIUM SOLUTIONS	Vitaliia Plyska , PhD student, Uzhhorod University
IDENTIFICATION OF FOOD AZO DYES IN MISLABELLED PRODUCTS	Ivan Habrei , student, Ivan Franko National University of Lviv
POLYMER FILMS BASED ON UNSATURATED CARBOXYLIC ACIDS FOR THE SORPTION OF NITROAROMATIC COMPOUNDS	Hanna Muntiian , PhD student, Taras Shevchenko National University of Kyiv