

POSTER PRESENTATIONS

Poster session 1

15:40 - 17:40

Monday, June 18, 2018

P001	Vasil Andruch	A novel liquid phase microextraction procedure followed by HPLC-MS for separation and preconcentration of hormones in saliva samples
P002	Daniel Baron	Study of interactions between maghemite core/shell nanoparticles and polymyxin B
P003	Jaroslav Blaško	Analysis of selected nutritional supplements and foods with content glycosides flavonols (<i>Vaccinium macrocarpon</i>) by HTGC-MS
P004	Paulína Galbavá	Direct analysis beeswax, paraffin and stearin by MS detector without chromatographic separation
P005	Olivier Griffaton	Faster GC-MS analysis with short narrow bore column and method translation
P006	Pavel Karásek	The possibilities of electrophoretic separations with fused silica capillaries modified by sub/supercritical water
P007	Anna Lomenova	Chiral HPLC separation of amino acid enantiomers on a molecularly imprinted polymer based stationary phase
P008	Damián Meričko	Small scale purification of fractions from a complex pharmaceutical formulation using an analytical fraction collector and a UHPLC-MS system
P009	Dana Moravcová	Separation of highly polar compounds on monolithic silica capillary columns
P010	Josef Planeta	Silica capillary monolithic columns – synthesis, immobilization and chromatographic properties of novel phosphonium ionic liquid stationary phase
P011	Andrea Šebestová	Electrophoretic chiral separation of oxaliplatin
P012	Petra Švecová	Separation of cetirizine enantiomers by capillary electrophoresis with dual selector system based on borate-glucose complexes and sulfated- β -cyclodextrin
P013	Peter Troška	Microchip electrophoresis of homocysteine in biological samples
P014	Silvia Zichová	Selection of extraction parameters for combined QuEChERS-DLLME-GC-MS analysis of pesticide residues in the cotton product
P015	Magdalena Buszewska-Forajta	Metabolomic signature of polycystic ovary syndrome
P016	Soňa Bernátová	Solid phase microextraction for determination of free testosterone and metabolites
P017	Jaroslav Galba	Ultra-high performance hydrophilic interaction liquid chromatography – triple quadrupole tandem mass spectrometry method for determination of biologically important thiols in plasma using new derivatizing maleimide reagent: study on tauopathy
P018	Vesna Glavnik	HPTLC-MS methods for determination of anthraquinones in Japanese knotweed

P019	Renata Gorova	Second tier HPLC-MS/MS examination of C5-acylcarnitine false positive newborn identified in newborn screening for metabolic disorders due to nipple fissure balm usage in nursing mother
P020	Urška Jug	HPTLC and ¹ H NMR determination of the origin of impurities during isolation of (+)-catechin from the Japanese knotweed
P021	Liudmyla Khvalbota	Enantiomeric separation of volatile organic compounds in Tokaj wines
P022	Katarína Maráková	Analysis of selected biogenic amines in human urine by capillary electrophoresis on-line hyphenated with tandem mass spectrometry
P023	Mária Matulová	Targeted diagnosing by NMR spectroscopy – Deficiencies of Aminoacylase I and Guanidino Acetate Methyl Transferase (GAMT)
P024	Valentina Metličar	Determination of carotenoids and flavonoids in leaves of spinach and Japanese knotweed (<i>Fallopia japonica</i>) using HPTLC and HPTLC-MS: a comparative study
P025	Katerina Naumoska	2D Chromatographic separation of cinnamon extract compounds to aid active compound identification
P026	Andrea Vernerová	HPLC method for determination of immune system activation markers, creatinine and uric acid in human saliva – part I
P027	Radoslav Halko	Use high resolution accurate mass spectrometry for determination of colchicine extract suicidal lethal poisoning confirmation
P028	Kateřina Kučerová	UHPLC-MS/MS method for determination of urinary retinol in patients with advanced cancer
P029	Ludmila Matysová	Development and validation of UHPLC method for determination of terbinafine and its impurities
P030	Daniel Pecher	Porous graphitic carbon for determination of twelve thiopurine nucleotides – development of HPLC method hyphenated with mass spectrometry
P031	Miroslava Trchová	Spectroscopic and HPLC study of sorption capacity and release mechanism of poly(2-hydroxyethyl methacrylate) hydrogels for chemotherapeutic anticancer drugs
P032	Iveta Uhliariková	The structure of the angucycline-like antibiotic auricin from <i>Streptomyces lavendulae</i> subsp. <i>lavendulae</i> CCM 3239
P033	Diana Gordon	Kinetic study on Clark I degradation in water
P034	Csilla Mišlánová	Analysis of caffeine and tramadol in environmental samples using combination of liquid chromatography and mass spectrometry
P035	Maria Pojar-Fenesan	Chromatographic analysis of the bee brood organic volatile emission
P036	Andrea Vojs Staňová	Electrochemical degradation of pharmaceuticals and identification of their transformation products by mass spectrometry
P037	Róbert Bodor	Fast determination of small anions in red wines using capillary electrophoresis with conductivity detection
P038	Iveta Boháčková	Utilizing of high performance liquid chromatography for the separation of epimers
P039	José Figueira	HS-SPME/GC-qMS as a powerful strategy to establish the volatome profile of juice and peel from Tahiti lime (<i>Citrus × latifolia</i>)
P040	Katarína Hroboňová	Molecularly imprinted polymeric sorbents for solid phase extraction and magnetic extraction of coumarins from plant samples

P041	Marcela Hollá	Comparison of phenolic profiles in selected new and old apple cultivars
P042	Michaela Jakubíková	The varietal discrimination of plum brandies by the synchronous fluorescence, ultraviolet-visible and near infrared spectroscopy combined with chemometric methods
P043	Eva Kranjc	Development of a HILIC–MS method for determination of hydroxyproline in chicken meat and its products
P044	Andrea Machyňáková	The characterization of organic compounds in Tokaj wines using liquid-liquid extraction and GCxGC-HRTOF-MS
P045	Duřanka Milojković-Opšenica	HPAC/PAD determination of sugar profiles in honey
P046	Andrea Nagyová	The utilization of ion-exclusion chromatography for determination of organic acids in beverages
P047	Zoltán Nyiri	Determination of polycyclic aromatic hydrocarbons in infant formula using solid state urea clathrate formation with gas chromatography – tandem mass spectrometry
P048	Andrea Purdešová	Determination of some selected pesticide residues in matrix of fruit juice by SPME connected with GC-MS
P049	Diomid Revenco	Speciation of selenium in plant and algae biomass samples using LC-ICP-MS
P050	Jiri Sochor	The study of sulphur compounds in wine by GC-MS
P051	Lenka Sochorova	Study of selected antioxidants in Moravian wines fermented with autochthonous yeast species using HPLC/UV-VIS study of selected antioxidants in Moravian wines fermented with autochthonous yeast species using HPLC/UV-VIS
P052	Magdalena Surma	The perfluoroalkyl substances (PFASs) contamination level in selected fruits and vegetables
P053	Blanka Švecová	Analysis of selected parameters of Czech and Moravian wines
P054	Živoslav Tešić	UHPLC-LTQ orbitrap analysis of polyphenols in honey
P055	Elisabet Martín Tornero	Application of multivariate analysis to chromatographic signals for the determination of phenanthrene metabolites in different types of milk
P056	Pavol Ulbrich	Determination of nitro-aromatic compounds in forensic samples employing microextraction by packed sorbent
P057	Evelin Farsang	Effect of pressure-generated axial temperature gradient on the eluent properties in chromatography
P058	José Antonio Navarro Huerta	Prediction of peak width and asymmetry in linear and multi-linear gradient elution: Jandera's approximation versus numerical integration
P059	Ester Peris García	Effect of buffers on the reduction of silanol activity in RPLC with ionic liquids

Poster session 2

14:15 - 16:15

Tuesday, June 19, 2018

P060	Szabolcs Horváth	Effect of multi porous layer on the efficiency of core-shell particles
P061	Tibor Macko	Temperature gradient interactive chromatography of polyolefins
P062	Zdeňka Malá	Electrophoretic focusing on inverse electromigration dispersion gradient. The fundamental resolution equation and pressure-assisted performance enhancement
P063	Nikoleta Hartl	The determination of selected markers in animal feed samples
P064	Petra Sazelova	Determination of binding constants of associates of Ru(II) and Fe(II) polypyridyl complexes with single-isomer sulfated cyclodextrins by capillary electrophoresis using ionic strength corrected ionic mobilities
P065	Veronika Solinova	Determination of acidity constants and ionic mobilities of polyhalogenated 2-ammonium-decaborate and 1-ammonium-dodecaborate anions by capillary electrophoresis
P066	Žofia Szabóová	Monitoring of time-dependent changes in fingerprint residue composition by GC-MS/MS
P067	Tomáš Hájek	Fast gradient on 5 μ m core-shell columns for comprehensive two dimensional liquid chromatography
P068	Mirjana Novak Stankov	Modelling assisted method development of HPLC analysis of emerging contaminants
P069	Vladimir Patoprsty	Linkage analysis of plant polysaccharides
P070	Petr Česla	Uni- and two-dimensional LC separation of natural food colorants
P071	Róbert Góra	Characterization and analysis of macromolecules of biological and environmental origin by multidimensional liquid chromatography
P072	Kateřina Grabicová	Determination of wide range of pharmaceuticals in fish samples by HPLC-ESI-HRMS
P073	Helena Jurdáková	How the butylation assay affects the FIA-MS/MS determination of creatinine in urine samples
P074	Jiri Salplachta	Combination of preparative IEF and MALDI-TOF MS for identification of microorganisms in biological samples
P075	Jasna Hradski	Analysis of organic acids using microchip electrophoresis coupled to ion mobility spectrometry
P076	Róbert Kubinec	Low pressure gas chromatography mass spectrometry for triglyceride analysis
P077	Jaroslav Stejskal	Macroporous conducting polyaniline cryogels as potential separation media
P078	Petr Tuma	Combination of capillary electrophoresis with microdialysis as an efficient tool for clinical analysis
P079	Petr Barták	Determination of partition coefficient in liposome – water system: GC/MS approach

P080	Jakub Fibigr	A development of HILIC-UHPLC-CAD method for fast separation and determination of steviol glycosides in natural and artificial sweeteners
P081	Karel Cejpek	Comparison of the methods for antioxidant capacity determination in both soluble and insoluble parts of various food samples
P082	Richard Čmelík	Synthesis of new fluorescent tags for efficient glycan analysis
P083	Viera Hrivnakova	Analysis of carbohydrates as a 1-phenyl-3-methyl-5-pyrazolone derivatives by capillary electrophoresis in comparison by high performance liquid chromatography and methylation analysis
P084	Roman Gorovenko	A simple SPE/GC-QMSD method for the determination of 7-Methoxycoumarin in Tokaj specialty wines
P085	SunKyung Jeong	Automated liquid extraction surface analysis coupled with capillary electrophoresis for rapid and sensitive detection of pesticides on a fruit surface
P086	Katarína Kriegerová	Determination of cobalt using nanosorbent and slurry sampling with electrothermal atomic absorption spectrometry in water samples
P087	Ivona Lhotská	New molecularly imprinted polymer as an extraction sorbent for selective on-line SPE-HPLC determination of mycotoxin citrinin in food supplements
P088	Natalia Miekus-Purwin	Minimization of „matrix effect” prior to capillary electrophoretic separation in bioanalysis
P089	Simona Procházková	Solid-phase extraction with slurry injection of zirconium dioxide into ETAAS for trace determination of cobalt and nickel
P090	Katarzyna Rafińska	Composition and biological activity of <i>Lepidium sativum</i> extracts obtained by different solvents and extraction techniques
P091	Bálint Sámuel Szabó	Development of a sample preparation procedure for the analysis of primary aromatic amines from saliva with LC-MS/MS
P092	Andrea Šlampová	Two-phase micro-electromembrane extraction across free liquid membrane for determination of acidic drugs in complex samples
P093	Jana Váňová	Focusing approaches with alkyl sulfates and perfluorinated carboxylic acids micelles in aqueous-organic environment
P094	Anna Lomenova	Development of HPLC method for determination of enantiomeric purity of dexpanthenol in pharmaceutical preparations
P095	Jan Labuda	Silver nanoparticles in the production of ROS and DNA damage
P096	Elisabet Martín Tornero	Photoinduced fluorescence from phenylalanine using UV irradiation
P097	Diana Gordon	The application of liquid chromatography for the analysis of explosives and their degradation products in sediment samples from the Baltic Sea
P098	Andrea Purdešová	Utilization of SBSE in determination of pesticide residues in water
P099	Katarína Hroboňová	Application of molecularly imprinted sorbents in analysis of vine samples
P100	Svetlana Hrouzková	Search of levels and fate of selected neonicotinoids in plant materials
P101	Michaela Jakubíková	Characterization of sweet wines using fluorescence spectrometry

P102	Andrea Machyňáková	Aromatic profile of cabernet sauvignon rosé wines determined by HS-SPME-GCxGC-HRTOF-MS
P103	Magdalena Surma	Assessment of thermal processing contaminant levels in selected carbohydrate-rich products from Polish market
P104	Pavol Ulbrich	Determination of boscalid in ice salad by fast gas chromatography – mass spectrometry utilizing negative chemical ionization
P105	Evelin Farsang	The effect of axial temperature and pressure gradients on the separation efficiencies of macromolecules
P106	Michal Kohout	Determination of optical purity of phenylthiophene-based chiral liquid crystals and the composition of their non-racemic mixtures
P107	David Kot	High temperature asymmetric flow field flow fractionation (AF4) of polyolefins
P108	Ester Peris García	Microemulsion liquid chromatography: Main features and applications
P109	José Antonio Navarro Huerta	Comparison of search strategies for finding optimal multi-linear gradients
P110	Liudmyla Khvalbota	Application of SPME-GCxGC-HRTOF-MS for characterization of aroma compounds in grapes, noble-rotten berries, musts and wines of Furmint variety
P111	Eric van Beelen	Effective Determination of Pharmaceutical Impurities by Two Dimensional Liquid Chromatography (2DLC)
P112	Soňa Bernátová	Testosterone serum calibrator kit - quantitation of serum testosterone across the entire therapeutic range using LC-MS/MS
P113	Olivier Griffaton	Determination of volatile organic compounds in water (iso 17943) with SPME arrow
P114	Damián Meričko	Improved extraction and cleanup of bovine tissue samples prior to multiresidue veterinary drug LC-MS/MS Analysis
P115	Agneša Szarka	Development of a dispersive liquid-liquid microextraction method for the extraction of pesticide residues from nutraceutical drops
P116	Olga Vyviurska	Extraction of organic compounds by MonoTrap™ adsorbent from wine samples
P117	Silvia Zichová	Evaluation of matrix effect for the extraction of the pesticide residues by QuEChERS-DLLME from cotton product