

PROGRAM

THURSDAY - 24.05.2018	
10.00 - 12.00	Registration
12.00-12.15	OPENING CEREMONY Chairperson: Elżbieta Skrzydlewska
12.15-14.00	OPENING SESSION Chairman: Neven Zarkovic
12.15-12.45 L1	Coral Barbas Arribas [Spain] <i>Metabolomics tools and oxidative stress biomarkers a complex interplay</i>
12.45-13.15 L-2	Roman Kaliszán [Poland] <i>"Reproducibility crisis" and other issues of today's science</i>
13.15-13.45 L-3	Aalt Bast [Netherlands] <i>Adaptive responses in the pharmacology and toxicology of redox modulating agents</i>
13.45 – 14.30	Lunch break <i>14.10-14.25 Sponsored lecture</i> Jörg Dittmer, Gilson International BV [Germany] <i>Separation of natural compounds via liquid-liquid-chromatography</i>
14.30-19.15	SESSION 1 Metabolomics as an approach to diagnosis and therapy - 1 Chairpersons: Antonia Garcia Fernandez and Michał Markuszewski
14.30-15.00 L-4	Bogusław Buszewski [Poland] <i>Sample preparation and sampling a new concept</i>
15.00-15.30 L-5	Rosário Domingues [Portugal] <i>Analytical approaches in lipidomics using mass spectrometry and their application in diseases</i>
15.30-16.00 L-6	Maria Fedorova [Germany] <i>Analytical and bioinformatics solutions to study diversity of oxidized lipids and lipid-protein adducts</i>
16.00-16.15 L-7	Tânia Melo [Portugal] <i>Optimization of collision energy for improving the identification of nitrated phospholipids</i>
16.15-16.30 L-8	Wojciech Łuczaj [Poland] <i>Alteration of plasma lipidomic profile as signature of Lyme arthritis</i>
16.30-16.45	Coffee break
16.45-19.45	SESSION 2 Metabolomics as an approach to diagnosis and therapy - 2 Chairpersons: Rosario Domingues and Bogusław Buszewski
16.45-17.15 L-9	Huióng Yin [China] <i>Metabolomic and lipidomic approach to study lipid metabolism in cardiovascular diseases.</i>
17.15-17.45 L-10	Michał Markuszewski [Poland] <i>Targeted metabolomics in cancer diseases: From analytical methods development and validation towards application to biological and clinical samples.</i>
17.45-18.15 L-11	Antonia García Fernández [Spain] <i>Metabolomic approach in lung of TB-infected mice finding new targets in drug discovery</i>
18.15-18.45 L-12	Michał Ciborowski [Poland] <i>What can we see in your eyes? Metabolomics of aqueous humor.</i>
18.45-19.05 L-13	Danuta Dudzik [Spain] <i>Metabolomics helps to reveal complex jigsaw puzzle of novel pancreatic cancer treatment.</i>
19.05-19.25 L-14	Carolina Gonzalez – Riano [Spain] <i>GC-MS-based metabolomics study of mouse optic nerve as a model of neurological visual</i>

	<i>diseases.</i>
19.25-19.45 L-15	Audrius Sigitas Maruška [Lithuania] <i>Development and application on bioanalytical methods at instrumental analysis open access centre of Vytautas Magnus University.</i>
20.00	Welcome reception / Branicki Palace
FRIDAY - 25.05.2018	
9.00-11.35	SESSION 3 Diseases and oxidative stress - 1 Chairpersons: Gethin McBean and Pedro Domingues
9.00 – 9.30 L-16	Neven Zarkovic [Croatia] <i>Contribution of the HNE-immunohistochemistry to modern pathological concepts of major human diseases</i>
9.30 – 10.00 L-17	Bertrand Friguet [France] <i>Oxidized protein homeostasis: implication of circadian rhythm, oxidative stress and aging</i>
10.00-10.30 L-18	Niki Chondrogianni [Greece] <i>Proteasome activation through diet-derived compounds in the battle against ageing and protein aggregation</i>
10.30 – 11.00 L-19	James Phang [USA] <i>The proline cycle revisited</i>
11.00 – 11.20 L-20	Anna Moniuszko-Malinowska [Poland] <i>Co-infections with tick-borne pathogens - epidemiological, diagnostic and therapeutic problems</i>
11.20-11 35 L-21	Olha Yelisyeyeva [Ukraine] <i>Mitochondria function, Warburg effect and oxidative stress associated diseases: key mechanisms, possibility of correction</i>
11.35 – 12.00	Coffee break POSTER SESSION 11.40-11.55 Sponsored lecture Marcin Gawryś, Shimpol [Poland] <i>Fully automated on-line system for biological samples preparation for LCMS</i>
12.00-14.10	SESSION 4 Diseases and oxidative stress - 2 Chairpersons: Niki Chondrogianni and Bertrand Friguet
12.00 – 12.30 L-22	Peter Eckl [Austria] <i>Analysis of biological responses to oxidative stress, antioxidants and drugs in metabolically competent primary hepatocytes</i>
12.30-13.00 L-23	Betul Karademir [Turkey] <i>Analysis of proteasome activity in cancer cell lines</i>
13.00-13.25 L-24	Luca Regazzoni [Italy] <i>Albumin CYS34 modifications as biomarkers of oxidative stress</i>
13.25-13.50 L-25	Caroline Gaucher [France] <i>Protein S-nitrosation as a biomarker of nitric oxide bioavailability under oxidative stress</i>
13.50-14.10 L-26	Khrystyna Semen [Ukraine] <i>Diet as an add-on therapy in pulmonary arterial hypertension</i>
14.10 – 15.00	Lunch break POSTER SESSION 14.30-14.50 Sponsored lecture Łukasz Nowicki, Perlan Technologies [Poland] <i>Accelerating Metabolomics: from untargeted discovery metabolomics to metabolomic profiles for personalized diagnostics</i>
15.00-18.05	SESSION 5 Antioxidants and drugs under oxidative stress

	Chairpersons: Peter Eckl and Audrius Sigitas Maruška
15.00-15.30 L-27	Gethin McBean [Ireland] <i>Pathways of synthesis and upregulation of thiol antioxidants in brain glial cells</i>
15.30-16.00 L-28	Ulrike Resch [Austria] <i>A micromethod for polyphenol-detection and anti-inflammatory action of grape seed extracts on human vascular endothelial cells"</i>
16.00-16.15 L-29	Wirginia Kukuła-Koch [Poland] <i>The application of centrifugal partition chromatography in the purification of natural products known as antioxidants</i>
16.15-16.30 L-30	Grzegorz Gryniewicz [Poland] <i>An easy path to active compounds; Focus on chalcones</i>
16.30-16.45 L-31	Sebastian Defiński, Paulina Maciejewska [Poland] <i>Cytotoxic activity of flavonoid complexes with platinum, palladium and ruthenium ions</i>
16.45-17.00 L-32	Agnieszka Gęgotek [Poland] <i>Proteomic approach to study the effect of rutin on metabolic changes in skin cells exposed to UVA and UVB radiation.</i>
17.00-17.30 L-33	Roman Lesyk [Ukraine] <i>Drug design: 4-thiazolidinone applications</i>
17.30-17.45 L-34	Danylo Kaminsky [Ukraine] <i>4-Thiazolidinones in the design of new drug-like molecules for treatment of oxidative stress depended diseases</i>
17.45-18.00 L-35	Anna Gromotowicz-Popławska [Poland] <i>The mechanism of aldosterone prothrombotic action –role of hemostasis, oxidative stress and nitric oxide</i>
18.00-18.10 L-36	Faletrov Yaroslav [Belarus] <i>Docking simulations of interactions of new sterol-like compounds with fluorescent Nbd- and Raman tags with oxidative stress-related proteins</i>
18.10-18.20 L-37	Shadyro Oleg [Belarus] <i>Novel reactions causing damage to biomolecules as a promising basis for the development of innovative drugs</i>
18.20	Concluding remarks
	SATURDAY - 26.05.2018
9.00 – 15.00	SESSION 6 YOUNG INVESTIGATORS SESSION Application of advanced analytical chemistry for life sciences
9.00 – 11.00 11.00 - 13.00 13.00-15.00	Workshops 1. High-Resolution Mass spectrometry-based metabolomics utilizing the Agilent Mass Profiler Professional software chemometrics platform for data mining and differential analysis. <i>Workshop in cooperation with Perlan Technologies</i> 2. Practical application of Gilson GX-271 ASPEC automatic extractor for SPE automated liquid handling - preparation of purified samples for HPLC-MS, GC-MS and other applications. <i>Workshop in cooperation with AGA-Analytical</i>
9.00 – 18.00	TOURS

POSTER SESSION

Abstract No	
P-1	<u>Ambrożewicz E.</u> , Muszyńska M., Tokajuk G., Grynkiewicz G., Jastrząb A., Karabowicz P., Skrzydlewska E. <i>Effect of vitamins D3, K1, MK4 and MK7 on redox metabolism in osteoblasts cultured on hydroxyapatites</i>
P-2	Ambrożewicz E., <u>Wojcik P.</u> , Wroński A., Zarkovic N., Jastrząb A., Skrzydlewska E., <i>Effect of oxidative stress on modifications of phospholipid metabolism in psoriasis</i>
P-3	<u>Baranowska-Kuczko M.</u> , Kozłowska H., Kloza M., Kozłowski M., Karpińska O., Malinowska B. <i>Post hoc analysis of the effects of patient characteristics on the vasorelaxant responses to cannabidiol</i>
P-4	<u>Bartkeviciute V.</u> , McBean G.J. <i>Cysteine metabolism in the BV-2 microglial cell line during inflammatory and anti-oxidative conditions</i>
P-5	<u>Biernacki M.</u> , Ambrożewicz E., Gęgotek A., Toczek M., Bielawska K., Skrzydlewska E. <i>Inhibition of fatty acid amide hydrolase (FAAH) disturbs redox system and phospholipid metabolism in the liver of spontaneously hypertensive rats</i>
P-6	<u>Biletskaya A.</u> , Toisteva D. <i>Effect of ozone on prooxidant-antioxidant balance of blood</i>
P-7	<u>Bimbiraitė-Survilienė K.</u> , Kaškonienė V., Tiso N., Daubaras R., Česonienė L., Maruška A. <i>Changes of biologically active compounds in lithuanian understory layer pine forests plant calluna vulgaris (L.) by clear-cutting of a forest</i>
P-8	<u>Bitiucki M.</u> , Łapciuk P., Olchowik-Grabarek E., Sękowski Sz., Abdulladjanova N. <i>Antioxidative and membrane-modulative activity of tannins with valoneoyl groups</i>
P-9	<u>Bobrowska D.</u> , Płońska-Brzezińska M. <i>PEGylated carbon nano-onions composite as a carrier of polyphenolic compounds: a promising system for biomedical applications</i>
P-10	<u>Borzym-Kluczyk M.</u> , Radziejewska I., Cechowska-Pasko M. <i>Evaluation of E-cadherin expression and sialylation level in clear cell renal cell carcinoma</i>
P-11	<u>Brzóška M.</u> , Mężyńska M., Rogalska J. <i>Protective impact of the extract from the berries of aronia melanocarpa against cadmium-induced oxidative stress – a study in an experimental in vivo model of human lifetime exposure to this xenobiotic</i>
P-12	<u>Buko V.</u> , Belanovskaya E., Zakrzewska A., Kirko S., Lukivskaya O., Naruta E., Misiuk W., Shlahtun A., Zavodnik I. <i>Antidiabetic and hepatoprotective activities of natural antioxidants</i>
P-13	<u>Burzyńska S.</u> , Andrulewicz-Botulińska E., Szoka Ł., Tarasik A., Galicka A. <i>Effect of bortezomib on integrin (A2β1, A9β1) expression and migration of glioblastoma LN229 cells</i>
P-14	<u>Butsyk O.</u> , Echevoyen L., Płonska-Brzezinska M. <i>Electrocatalytic properties of nitrogen-doped carbon nano-onions</i>
P-15	<u>Cavagnino A.</u> , Bobier A., Friguet B., Baraibar M. <i>The skin oxi-proteome as a molecular signature of pollution-induced skin damage</i>
P-16	<u>Cechowska-Pasko M.</u> , Krętowski R., Kusaczuk M. <i>Graphene oxide in vitro toxicity and cell death in breast cancer MCF7 cell line</i>
P-17	<u>Czyrko J.</u> , Brzezinski K. <i>Metal-cation-based regulation of enzyme dynamics influences the activity of S-adenosyl-L-homocysteine hydrolase from Pseudomonas aeruginosa</i>
P-18	<u>Dobrzyńska I.</u> , Gęgotek A., Szachowicz-Petelska B., Łuszczynski K., Figaszewski Z., Skrzydlewska E. <i>Effects of rutin on the physicochemical properties of skin fibroblasts membrane disruption following UV radiation</i>

P-19	<u>Drevinskas T.</u> , Telksnys L., Maruška A., Gorbatšova J., Kaljurand M. <i>Micro-analytical and portable instrumentation design, applications and data analysis</i>
P-20	<u>Drozdowska D.</u> , Wróbel A., Szerszenowicz J. <i>Carbocyclic analogues of netropsin - synthesis and biological evaluation</i>
P-21	<u>Edimecheva I.</u> , Sosnovskaya A., Shadyro O. <i>Analysis of flaxseed oil oxidation products</i>
P-22	Faletrov Y., <u>Horetski M.</u> , Shishkanova P., Rudaya E., Frolova N., Semenkov G., Shkumatov V. <i>NBD and BODIPY derivatives of aromatic amines as potential fluorescent probes for hypochlorous acid sensing</i>
P-23	<u>Gąsowska M.</u> , Gołaszewska A., Misztal T., Rusak T., Tomasiak M. <i>Physiological concentrations of hypochlorous acid may affect clot architecture, its retraction and lysis</i>
P-24	<u>Gilardoni E.</u> , Regazzoni L., Aldini G. <i>An analytical method to measure histidine dipeptide adducts in biological matrices</i>
P-25	<u>Gołaszewska A.</u> , Misztal T., Gąsowska M., Branska-Januszewska J., Rusak T., Marcińczyk N., Leszczyńska A., Tomasiak M. <i>Impact of physiologically relevant HOCl concentrations on thrombus formation under flow, coagulation kinetics and clot retraction in human blood</i>
P-26	<u>Gromotowicz-Poplawska A.</u> , Aleksiejczuk M., Marcinczyk N., Szmraj J., Chabielska E. <i>Benefits of dual renin-angiotensin-aldosterone system blockade in hypertension – the effect on hemostasis and oxidative stress</i>
P-27	<u>Ignasiak-Kciuk M.</u> , Davies M.J., Marciniak B. <i>Role of iodide anions in oxidative stress and photo-oxidation of proteins</i>
P-28	<u>Janicka K.</u> , Laszuk P., Petelska A.D. <i>The effect of lipoic acid in phosphatidylcholine monolayer at the air/aqueous solution interface</i>
P-29	<u>Jarocka-Karpowicz I.</u> , Syta-Krzyżanowska A., Biernacki M., Kochanowicz J., Rutkowski R., Turek G., Gorbacz K., Mariak Z., Skrzydlewska E. <i>Aneurismal subarachnoid hemorrhage as a cause of systemic oxidative stress and lipid peroxidation</i>
P-30	<u>Jerszynska P.</u> , Szultka-Młyńska M., Buszewski B. <i>Application of liquid chromatography/mass spectrometry for electrochemical oxidation of psychotropic drugs in comparison to in vitro and in vivo methods</i>
P-31	<u>Jurczuk M.</u> , Wlazło K., Omejanowicz G., Brzóška M. <i>Evaluation of the oxidative stress in the brain mitochondria of rats co-exposed to lead and ethanol</i>
P-32	<u>Kanunnikova N.</u> , Semenovich D., Moiseenok A. <i>Modulators of CoA biosynthesis in regulation of thiol-disulphide balance in brain tissue during neurodegeneration</i>
P-33	<u>Kapusto I.</u> , Sverdlov R., Voitekhovich S., Grigoriev Y., Ivashkevich O., Shadyro O. <i>Synthesis and reactivity of 1,2,4-triazole derivatives towards oxygen- and carbon-centered organic radicals</i>
P-34	Karabowicz P., Jastrzab A., Wroński A., Skrzydlewska E. <i>Altered ubiquitin-proteasome system and autophagy in blood cells of psoriatic patients</i>
P-35	<u>Kazberuk A.</u> , Zaręba I., Chalecka M., Parzych K., Surazyński A. <i>Molecular mechanism of anticancer properties of telmisartan as a PPAR-δ agonist</i>
P-36	<u>Kotyńska J.</u> , Naumowicz M. <i>Effect of natural antioxidant, chlorogenic acid, on electrical properties of phosphatidylcholine liposomal membranes</i>
P-37	<u>Krętowski R.</u> , Kusaczuk M., Cechowska-Pasko M. <i>Oxidative stress induced by graphene oxide intensify apoptosis and autophagy in MDA-MB231 cell line</i>
P-38	<u>Kruszewski M.A.</u> , Naumowicz M. <i>Electrochemical impedance spectroscopy as a useful method to evaluate electrical properties of lipid membranes modified by p-coumaric acid</i>
P-39	<u>Kucharska-Ambrozej K.</u> , Szczepaniak L., Karpińska J.

	<i>The chemical composition and antioxidant properties of some mentha species and hybrids</i>
P-40	<u>Kusaczuk M.</u> , Krętowski R., Cechowska-Pasko M. <i>Tauroursodeoxycholic acid diminishes inflammation and oxidative stress in ER-stressed human articular chondrocytes</i>
P-41	<u>Larowska D.</u> , Lewandowska-Andrałojć A., Marciniak B., Małolepszy A., Mazurkiewicz-Pawlicka M., Stobiński L. <i>Cationic porphyrins-go hybrids as a complexes with potential application in photodynamic therapy – their photophysical and photochemical properties</i>
P-42	<u>Laszuk P.</u> , Janicka K., Petelska A.D. <i>The effect of lipoic acid in phosphatidylcholine monolayer at the air/aqueous solution interface</i>
P-43	<u>Ligor M.</u> , Buszewski B. <i>Comparative antioxidant activities of polyphenols and carotenoids measured by peroxy radical scavenging assay</i>
P-44	<u>Lipska K.</u> , Gumieniczek A., Filip A.A. <i>Histone deacetylase inhibitors as anti-cancer drugs: antioxidative effects in epigenetic mechanisms of action</i>
P-45	<u>Lisovskaya A.</u> , Shadyro O., Schiemann O. <i>Sphingolipid photodestruction pathway</i>
P-46	<u>Maciejczyk M.</u> , Żebrowska E., Zalewska A., Chabowski A. <i>Is insulin resistance responsible for oxidative stress in the brain?</i>
P-47	<u>Matusiewicz M.</u> , Kosieradzka I., Niemiec T., Grodzik M., Antushevich H., Strojny B., Gołębiewska M., Piotrowska K. <i>In vitro effect of extracts from snail helix aspersa müller tissues on colorectal adenocarcinoma cells CACO-2</i>
P-48	<u>Matwiejczuk N.</u> , Zaręba I.,Nazaruk J., Galicka A. <i>Effect of melissa officinalis extract on collagen expression in skin fibroblasts and its protective action against the effect of methylparaben</i>
P-49	<u>Moiseenok A.G.</u> , Borodina T.A., Raduta Ye.F. <i>Studies on antioxidant potential of composition of panthenol, carnitine, and selenomethionine after subchronic administration</i>
P-50	<u>Naumowicz M.</u> , Kruszewski M., Kotyńska J. <i>Changes in surface charge density of phosphatidylcholine liposomal membranes after 10-hydroxy-decenoic acid treatment</i>
P-51	Niemiec T., <u>Piotrowska K.</u> , Matusiewicz M. <i>Antioxidant properties of juice from oleaster (Elaeagnus umbellate) fruit</i>
P-52	<u>Nowak K.</u> , Ratajczak-Wrona W., Jabłońska E. <i>The effect of methylparaben on particular functions of human neutrophils</i>
P-53	<u>Olchowik-Grabarek E.</u> , Lapshina E., Zavodnik I., Zamaraeva M. <i>Antiradical activity and protective effect of cranberry flavonoids against oxidative damage in erythrocytes</i>
P-54	<u>Oldak Ł.</u> , Hermanowicz A., <u>Gorodkiewicz E.</u> <i>The application of SPRI biosensor for the quantitative determination of laminin-5, fibronectin and matrix metalloproteinase-2 in samples of patients with cryptorchism</i>
P-55	<u>Pajewska M.</u> , Gadzała-Kopciuch R., Buszewski B. <i>Polychlorinated biphenyls in breast milk as indicator of environmental pollution</i>
P-56	Zaręba I., Celińska-Janowicz K., Surazyński A., Miltyk W., <u>Palka J.</u> <i>Proline oxidase silencing facilitates pro-survival phenotype of MCF-7 human breast cancer cell line</i>
P-57	<u>Pawłowska N.</u> , Gornowicz A., Szymanowski W., Szymanowska A., Czarnomysy R., Bielawska A., Kałuża Z., Bielawski K. <i>The mechanism of antitumor action of novel octahydropyrazino[2,1-a:5,4-a'] diisoquinoline in ags gastric cancer cells</i>
P-58	<u>Pędziński T.</u> , Hug G.L., Bobrowski K., Marciniak B., <u>Filipiak P.</u> <i>Unexpected reaction pathway of the alpha-aminoalkyl radical derived from one-electron oxidation of S-alkyl-glutathiones</i>

P-59	<u>Petkovic I.</u> , Gilardoni E., Bresgen N., Regazzoni L., Aldini G., Eckl P. <i>Determination of age-dependent intraacellular hne metabolism by using LC/ESI-MS</i>
P-60	<u>Piotrowska K.</u> , Niemiec T., Matusiewicz M. <i>Comparison of the antioxidant effect of extracts from lyophilized and dried oleaster (<i>Elaeagnus umbellata</i>) fruit collected in Poland</i>
P-61	<u>Puckowska A.</u> , Adasiewicz K., Wróbel A., Drozdowska D., Muszyńska A. <i>Simple triazole derivatives – synthesis and biological investigations</i>
P-62	<u>Regulska E.</u> , Rodziewicz P., Breczko J. <i>Solvent effect on C₆₀ tris-acid solubility: light scattering, spectroscopic, electrochemical and computational studies</i>
P-63	<u>Rodzik A.</u> , Pomastowski P., Złoch M., Szultka-Młyńska M., Buszewski B. <i>Identification of salivary bacteria using MALDI TOF MS and 16s rDNA PCR approach</i>
P-64	<u>Rogalska J.</u> , Roszczenko A., Brzóska M., Gałążyn-Sidorczuk M., Mężyńska M. <i>Assessment of oxidative damage to protein and lipid in the bone tissue of rats exposed to chlorpyrifos</i>
P-65	<u>Roszczenko A.</u> , Brzóska M., Rogalska J., Gałążyn-Sidorczuk M. <i>The influence of chlorpyrifos on the total antioxidative status and the level of oxidative stress in the serum and bone tissue – a study in an experimental model</i>
P-66	<u>Samovich S.</u> , Edimecheva I., Shadyro O. <i>Radical-regulatory and anti-herpetic properties of the benzoic acid derivatives</i>
P-67	<u>Sankiewicz A.</u> , Guszcz T., Gorodkiewicz E. <i>The application of SPRI biosensors for determination of proteasome 20s and UCH-L1 in bladder cancer samples</i>
P-68	<u>Schürz M.</u> , Bresgen N., Eckl P. <i>Live cell imaging and autofluorescent studies in primary hepatocytes as a tool for lipofuscin localization</i>
P-69	<u>Sękowski Sz.</u> , Terebka M., Veiko A., Zavodnik I., Lapshina E., Abdulladjanova N., Zamaraeva M. <i>Protective role of epigallocatechin gallate (EGCG) against UV-light induced photo-damages</i>
P-70	<u>Semenkova G.</u> , Amaegberi N., Lisovskaya A., Shadyro O. <i>2-Hexadecenal modifies the ROS production in human neutrophils</i>
P-71	<u>Semenovich D.</u> , Lukiyenko Y., Kanunnikova N. <i>Protein S-glutathionylation and thiol disulphide status in the rat brain after correction of aluminum neurotoxicosis with pantothenic acid derivatives</i>
P-72	<u>Shishkanova P.</u> , Semenkova G., Sorokin V., Ksendzowa G., Shadyro O. <i>Catechol derivatives inhibit halogenating activity of myeloperoxidase</i>
P-73	<u>Skutnik A.</u> , Maciejczyk M., Szulimowska J., Taranta-Janusz K., Wasilewska A., Zalewska A. <i>Salivary redox markers in children with chronic kidney disease</i>
P-74	<u>Sladkova A.</u> , Antonovich E., Nepochelovich P., Krot V., Edimecheva I., Shadyro O. <i>Free-radical transformations of fructose-1,6-bisphosphate and related compounds in aqueous solutions</i>
P-75	<u>Stankevičius M.</u> , Drevinskas T., Naujokaitytė G., Bimbraitė- Survilienė K., Kaškonienė V., Maruška A., Šernienė L., Kondrotienė K., Kasnauskytė N. <i>Investigation of lactic acid bacteria produced nizin using capillary electrophoresis</i>
P-76	<u>Supruniuk K.</u> , Radziejewska I., Borzym-Kluczyk M. <i>Rosmarinic acid changes mucl expression in CRL-1739 gastric cancer cells</i>
P-77	<u>Swiderska M.</u> , Maciejczyk M., Zalewska A., Flisiak R., Chabowski A. <i>Plasma oxidative stress markers in non-alcoholic fatty liver disease</i>
P-78	<u>Sverdlov R.</u> , Kaloshyna A., Brinkevich S., Shadyro O. <i>Relationship between structure of tryptophan derivatives and their radicalregulatory properties</i>
P-79	<u>Szachowicz-Petelska B.</u> , Dobrzyńska I., Figaszewski Z., Toczek M., Skrzydlewska E. <i>Effect of URB597 on the physico-chemical properties of liver cell membranes from hypertensive rats</i>
P-80	<u>Szymanowska A.</u> , Pawłowska N., Szymanowski W., Popławska B., Gornowicz A., Mojzych M.,

	Bielawska A., Bielawski K. <i>Cytotoxic potential of novel tricyclic 1,2,4-triazine derivatives in AGS - stomach gastric adenocarcinoma</i>
P-81	<u>Szymanowski W.</u> , Szymanowska A., Pawłowska N., Gornowicz A., Czarnomysy R., Popławska B., Bielawski K., Bielawska A. <i>The proapoptotic effect of novel diisoquinoline derivative with anti-MUC1 antibody in MCF-7 breast cancer cells</i>
P-82	Szymanska B., Guszcz T., <u>Gorodkiewicz E.</u> <i>Aromatase as a potential cancer marker in patients diagnosed with bladder cancer</i>
P-83	<u>Taras-Goślińska K.</u> , <u>Nowak-Karnowska J.</u> , Wolska K., Skalski B.[Poland] <i>Photochemical thiopurines transformation. products of thione photooxidation reaction</i>
P-84	<u>Timoszuk M.</u> , Jastrzab A., Gęgotek A., Ambrożewicz E., Muszyńska M., Skrzydlewska E. <i>Effect of the composition of natural vegetable oils on the vitality of skin cells</i>
P-85	<u>Toczek M.</u> , Biernacki M., Timoszuk M., Jastrzab A., Malinowska B., Skrzydlewska E. <i>The influence of primary and secondary hypertension and chronic FAAH inhibition by URB597 on the rat cardiac and plasma endocannabinoid system and oxidative stress</i>
P-86	<u>Tugay O.</u> , Brinkevich S., Diadiulia A., Sladkova A. <i>Autoradiolytic decomposition of 2-[¹⁸F]fluorodeoxyglucose</i>
P-87	<u>Uściłowicz P.</u> , Bartosiewicz Natalia, Wołosik K., Markowska A. <i>Synthesis and biological activity of fragment of lunasin</i>
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