



SCIENTIFIC PROGRAMME

Plenaries, Keynotes & Oral presentations –

UNIVERS T HOTEL, Terra Amphitheatre

Monday, September 21, 2026

08.00 – 20.00 Registration & Secretariat
 10.00 – 18.30 30-SSS Symposium Progress

10.00 – 13.15	Opening Ceremony & Laureate Plenary Lectures
Chairs	Virginia COMAN, Bogusław BUSZEWSKI
10.00 – 10.20	Opening Ceremony Presidium Speeches
10.20 – 10.40	European Cluj-Napoca – History, Tradition, Multiculturalism, and Academic Perspectives
	Victor Constantin MĂRUȚOIU
	<i>"Dumitru Fărcaș" Students' Culture House, Cluj-Napoca, Romania; Technical University of Cluj-Napoca, Romania.</i>
10.40 – 11.40	TWETT-NERST Awards Ceremony
	Imre KLEBOVICH – Laudatio – Danilo CORRADINI
LPL-01	Quantifying the invisible: Radio-bio-analytical tools in pharmacokinetic and drug metabolite research
10.40 – 11.10	Imre KLEBOVICH
	<i>Semmelweis University, Department of Pharmaceutics, Budapest, Hungary.</i>
	Gert DESMET – Laudatio – Danilo CORRADINI
LPL-02	Assessing the accuracy of Gaussian processes in mapping chromatographic responses
11.10 – 11.40	Marwan ELKHETTABI¹, Leon NIEZEN¹, Deirdre CABOOTER², Pieter LIBIN¹, Gert DESMET¹
	<i>¹Vrije Universiteit Brussel, Department of Chemical Engineering, Brussels, Belgium; ²University of KU Leuven, Department of Pharmaceutical and Pharmacological Sciences, Leuven, Belgium.</i>
11.40 – 12.00	Exhibition & Coffee Break
PL-01	Recent advances in separation sciences: From chromatographic separation to chemometric multiway spectral separation in the wavelet domain
12.00 – 12.30	Erdal DINÇ
	<i>Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry, Ankara, Türkiye.</i>
12.30 – 13.15	<i>Intermezzo Musical offered by the Gheorghe Dima National Music Academy</i>
13.15 – 14.30	LUNCH

14.30 – 16.30	Plenary, Keynote & Oral Presentations
Chairs	Mariella BRUZZONITI, Andrei MEDVEDOVICI
PL-02	Supercritical fluid chromatography: the Pros and the Cons after 40 years
14.30 – 14.55	Didier THIÉBAUT
	<i>French National Centre for Scientific Research (CNRS), Honorary Director of Research, Paris, France.</i>
KL-01	New areas of applications for ion chromatography
14.55 – 15.15	Rajmund MICHALSKI
	<i>Institute of Environmental Engineering of Polish Academy of Sciences, Zabrze, Poland.</i>
KL-02	Advances in separation and detection: LC/IC–ICP hyphenated techniques
15.15 – 15.35	Marcin FRANKOWSKI, Dorota JAKKIELSKA, Anetta ZIOŁA-FRANKOWSKA
	<i>Adam Mickiewicz University, Faculty of Chemistry, Poznań, Poland.</i>
KL-03	From separation to identification: exploring the potential of chromatography coupled to IR spectroscopy
15.35 – 15.55	Tania M. G. SALERNO¹, Luigi MONDELLO^{1,2}
	<i>University of Messina, Messina, Italy: ¹Messina Institute of Technology c/o, Department of Chemical, Biological, Pharmaceutical and Environmental Sciences; ²Chromaleont s.r.l., c/o, Department of Chemical, Biological, Pharmaceutical and Environmental Sciences.</i>
OP-01	Sampling and GC×GC characterization of trace volatile organic compounds in H₂ and CO₂ matrices for renewable gas integration
15.55 – 16.05	David GARCÍA GALLEGRO¹, Claudia PAIJENS², Sandy BSAIBES², José DUGAY¹, Jérôme VIAL¹
	<i>¹ESPCI, UMR CBI, Laboratoire des Sciences Analytiques, Bioanalytiques et Miniaturisation (LSABM), Paris, France; ²NaTran R&I, Villeneuve-la-Garenne, France.</i>
eP-01	Negative Thermal gradient gas chromatography using the wavemaker concept
16.05 – 16.10	Sebastian STEINER, Felix FRANK, Bernhard KLAMPFL, Erwin ROSENBERG
	<i>Vienna Technical University, Institute of Chemical Technologies and Analytics, Vienna, Austria.</i>
16.10-16.30	PANEL Q&A
16.30 – 17.00	Exhibition & Coffee Break
17.00 – 18.30	Keynote & Oral Presentations
Chairs	José Juan SANTANA RODRÍGUEZ, Victoria SAMANIDOU
KL-04	Characterization of natural biomacromolecules by combination of linear and stepwise gradient elution in liquid chromatography
17.00 – 17.20	Róbert GÓRA, Renáta GÓROVÁ
	<i>Comenius University, Faculty of Natural Sciences, Department of Analytical Chemistry, Bratislava, Slovak Republic.</i>

OP-02	Microplastic determination in European Waters: The WATERPATH Project Experience
17.20 – 17.30	Luca RIVOIRA¹, Simona DI BONITO¹, Michela COIA¹, Massimo DEL BUBBA², Mihail Simion BELDEAN-GALEA³, Maria Concetta BRUZZONITI¹
	¹ University of Turin, Department of Chemistry, Turin, Italy; ² University of Florence, Department of Chemistry "Ugo Schiff", Sesto Fiorentino, Italy; ³ Babeş-Bolyai University, Faculty of Environmental Science & Engineering, Cluj-Napoca, Romania.
OP-03	Pyrolysis-GC-MS for the identification and quantification of microplastics in complex matrices via hydrogen peroxide digestion
17.30 – 17.40	Giulia BONACCORSO¹, Ilaria COLZI², Donatella FIBBI³, Massimo DEL BUBBA¹
	¹ University of Florence, Department of Chemistry, Sesto Fiorentino, Italy; ² University of Florence, Department of Biology, Prato, Florence, Italy.
eP-02	How HT-GC/MS and HT-GCxGC/MS can help for the detailed characterization of heavy distillation volatile fractions from pyrolysis oils
17.40 – 17.45	Xiangdong CHEN^{1,2}, Carlos RINCON², José DUGAY¹, Benoît GADENNE², Michel SABLIER¹, Arianne MORTEVEILLE¹, Jérôme VIAL¹
	¹ ESPCI Paris, PSL Research University, UMR CBI, Laboratoire des Sciences Analytiques, Bioanalytiques et Miniaturisation, Paris, France; ² MFP Michelin, Place des Carmes Deschaux, Clermont-Ferrand, France.
FP-01	HPLC-MS method development for the analysis of polar low molecular weight metabolites
17.45 – 17.52	Barbora TOŠOVSKÁ, Petr ČESLA
	University of Pardubice, Department of Analytical Chemistry, Faculty of Chemical Technology, Pardubice, Czech Republic.
FP-02	Trace analysis of bisphenols and parabens in human plasma by RP-HPLC-MS/MS
17.52 – 18.00	Miroslav KUBÁT, Lucie NOVOTNÁ, Petr ČESLA
	University of Pardubice, Department of Analytical Chemistry, Faculty of Chemical Technology, Pardubice, Czech Republic.
eP-03	Sorption of venlafaxine: Comparison of MIP and NIP
18.00 – 18.05	Kristina TOLIĆ ČOP, Leona ČAKIĆ, Luka OBULJEN, Dragana MUTAVDŽIĆ PAVLOVIĆ
	University of Zagreb, Faculty of Chemical Engineering and Technology, Zagreb, Croatia.
eP-04	qPCR-based quantification of <i>merA</i> gene for screening microbial resistance to mercury within the rhizosphere of plants native to polluted sites
18.05 – 18.10	Mihai C. GRIMM^{1,3}, Emanuela D. TIODAR^{2,3}, Horia L. BANCIU^{2,3}, Dorina PODAR^{2,3}
	Babeş-Bolyai University, Cluj-Napoca, Romania: ¹ Doctoral School of Integrative Biology, ² Department of Molecular Biology and Biotechnology, ³ Centre for Systems Biology, Biodiversity and Bioresources(3B).

eP-05	ITS2 eDNA metabarcoding reveals distinct fungal communities across soil trajectories in a remediated former cooking-plant
18.10 –18.15	Maria-Anastasia ABRUDAN¹, Emanuela D. TIODAR², Cristina L. VĂCAR², Zoltan R. BALÁZS^{1,2,3}, Dorina PODAR^{1,2}
	<i>Babeş-Bolyai University, Cluj-Napoca, Romania: ¹Faculty of Biology and Geology, Department of Molecular Biology and Biotechnology, ²Centre for Systems Biology, Biodiversity and Bioresources (3B), ³Doctoral School of Integrative Biology.</i>
FP-03	Development of a GC-MS method for the determination of emerging pesticides in water samples
18.15 –18.20	Vlad-Alexandru PĂNESCU¹, Mihaela-Cătălina POPOVICI¹, Maria-Virginia COMAN¹, Mihail Simion BELDEAN-GALEA²
	<i>Babeş-Bolyai University, Cluj-Napoca, Romania: ¹Raluca Ripan Institute for Research in Chemistry, Analytical Chemistry Laboratory; ²Faculty of Environmental Science and Engineering.</i>
18.20 – 18.30	PANEL Q&A
18.30 – 19.30	CEGSS MEETING
19.30 – 21.00	WELCOME RECEPTION

Tuesday, September 22, 2026

08.00 – 18.30 Registration & Secretariat
09.00 – 18.30 30-ISSS Symposium Progress

08.30 – 11.05	Plenary, Keynote & Oral Presentations
Chairs:	Agata KOT-WASIK, DidierTHIÉBAUT
PL-03	Analysing the human volatilome by comprehensive two-dimensional gas chromatography for early detection of lung cancer
08.30 – 08.55	Erwin ROSENBERG¹, Synnöve LEMKE^{1,2}, Esther HEID², Brigitte HOLZER³, Johannes BINTINGER³
	<i>Technical University of Vienna, Vienna, Austria: ¹Institute of Chemical Technologies and Analytics, ²Institute of Materials Chemistry, ³Institute of Applied Synthetic Chemistry.</i>
KL-05	GC×GC-ToF-MS to characterize emissions of materials likely to be used for human volatilome sampling
08.55 – 09.15	Jérôme VIAL¹, Elsa BOUDARD^{1,2}, Nabil MOUMANE², José DUGAY¹, Didier THIÉBAUT¹
	<i>¹ESPCI Paris, PSL Research University, UMR CBI, Laboratoire Sciences Analytiques, Bioanalytiques et Miniaturisation, Paris, France; ²SenseBioTek Health-Care, Aigremont, France.</i>

OP-04	Digital scent signature
09.15 – 09.30	Štěpán URBAN
	<i>University of Chemistry and Technology, Faculty of Chemical Engineering, Department of analytical chemistry, Prague, Czech Republic.</i>
OP-05	Exploring the skin volatolome by TD-GC×GC-TOFMS to identify signatures of skin cancer
09.30 – 09.40	Kleidisa RRUSHKA^{1,2}, Eva DÉMONGEOT², Nabil MOUMANE², Nathalie GAGEY-EILSTEIN², Yves ROZENHOLC³, José DUGAY¹, Jérôme VIAL¹
	<i>¹PSL Research University, UMR CBI, ESPCI Paris, Laboratoire des Sciences Analytiques, Bioanalytiques et Miniaturisation, Paris, France; ²SenseBioTek, Aigremont, France; ³Université Paris Cité, BioSTM - UMS, Biostatistique, Traitement et Modélisation des données biologiques, Paris, France.</i>
OP-06	Does a Vegetarian Smell Different Than an Omnivore?
09.40 – 09.50	Veronika ŠKEŘÍKOVÁ, Ulrika MALÁ, Lenka JÁNOŠÍKOVÁ, Štěpán URBAN
	<i>University of Chemistry and Technology Prague, Faculty of Chemical Engineering, Department of analytical chemistry, Prague, Czech Republic.</i>
FP-04	Determination of volatile compounds by laboratory-made plasma detector
09.50 – 09.57	Nergis İlayda ÖZKAN^{1,2}, Bilge Nur KARA^{1,2}, Berfu YIĞRIK^{1,2}, Samed GÜMÜŞ³, Yavuz ÖZTÜRK³, Erkan Zeki ENGİN³, Sefer Haşim BURGAZ⁴, Alper ÇETİNEL⁴, Denizcan KÖSEOĞLU⁵, Metin BİLGE³, Aytaç KARADAĞ⁶, Levent PELİT^{1,2}
	<i>Ege University, İzmir, Türkiye: ¹Faculty of Science, Department of Chemistry; ²Translational Pulmonary Research Center (Ege-SAM); ³Department of Electrical and Electronics Engineering, Faculty of Engineering; ⁴Department of Physics, Faculty of Science. ⁵AltraFlora Natural Extracts Inc., Zafer Mahallesi, Denizli, Türkiye. ⁶IstWest AVM, İstWest Çarşı, Yenibosna Merkez Mahallesi, Değirmenbahçe Caddesi, İstanbul, Türkiye.</i>
eP-06	Incorporation of fabric phase sorptive extraction membranes onto a 3D-printed modified drone sampler for the collection of volatile organic compounds from air samples prior to GC-MS analysis
09.57 – 10.02	Natalia MANOUSI¹, Tobias SCHÜFTNER², Sebastian STEINER¹, Marco ANNERL^{1,3}, Abuzar KABIR⁴, Erwin ROSENBERG¹
	<i>Vienna University of Technology, Vienna, Austria: ¹Institute of Chemical Technology and Analytics, ²Institute of Applied Physics; ³Competence Center CHASE GmbH, Vienna, Austria; ⁴Florida International University, Global Forensic and Justice Center (GFJC), Department of Chemistry and Biochemistry, Florida, USA.</i>
OP-07	Improving recovery and reproducibility with inert LC column hardware
10.02 – 10.12	Mihaela MUTZ
	<i>Laboratorium SRL, București, Romania</i>
10.12 – 10.30	PANEL Q&A
OP-08	MDPI Academic publishing workshop – Artificial intelligence in publishing
10.30 – 11.00	Beátrix-Aletta DEMJÉN and Alexandra Georgiana BĂJDAN
	<i>MDPI Open Access Romania, Cluj-Napoca, Romania</i>

11.00 – 11.30	Exhibition & Coffee Break
11.30 – 13.30	Plenary, Keynote & Oral Presentations
Chairs:	Jérôme VIAL, Kamila MITROWSKA
PL-04	Lipidomics in biomedical research
11.30 – 11.55	Michel LAEMMERHOFER , Adrian BRUN, Philipp SEYFRIED, Min SU, Xiaoqing FU, Zijing XU
	<i>University of Tübingen, Institute of Pharmaceutical Sciences, Tübingen, Germany.</i>
KL-06	Understanding the chemical space coverage for non-target analysis: from unbiased compound selection to advanced prioritization in LC-HRMS
11.55 – 12.15	Massimo DEL BUBBA¹ , Lapo RENAI ² , Giulia BONACCORSO ¹ , Saer SAMANIPOUR ²
	¹ University of Florence, Department of Chemistry, Sesto Fiorentino, Florence, Italy; ² University of Amsterdam, Van't Hoff Institute for Molecular Science, Amsterdam, The Netherlands.
KL-07	Chromatographic response functions revisited: development of a new strategy for gradient optimization in 2D-LC
12.15 – 12.35	Petr ČESLA , Michal KAŠPAR, Sára SVOBODOVÁ, Pavlína MUSILOVÁ, Soňa ŘEZKOVÁ
	<i>University of Pardubice, Faculty of Chemical Technology, Department of Analytical Chemistry, Pardubice, Czech Republic.</i>
OP-09	Beyond signal-to-noise: practical and statistical challenges in LC-MS/MS method evaluation and data reporting
12.35 – 12.50	Paweł KUBICA , Dominika OSIECKA, Tomasz MAJCHRZAK
	<i>Gdańsk University of Technology, Faculty of Chemistry, Department of Analytical Chemistry, Gdańsk, Poland.</i>
OP-10	Untargeted metabolite profiling of exhaled breath condensate for the identification of potential lung cancer biomarkers
12.50 – 13.00	Ebru ÇALKAN YILDIRIM¹ , Füsün PELİT ^{1,2} , Korcan KORBA ³ , Nazlı MERT ⁴ , Tuncay GÖKSEL ^{1,5} , Yasemin BAŞPINAR ⁴ , Levent PELİT ^{1,2}
	<i>Ege University, İzmir, Türkiye: ¹Translational Pulmonary Research Center (Ege-SAM); ²Faculty of Science, Department of Chemistry; ³Faculty of Chemical Engineering, Engineering Department; ⁵Department of Pulmonary Medicine, Faculty of Medicine. ⁴Dokuz Eylül University, Institute of Oncology, Dep. Translational Oncology, İzmir, Türkiye.</i>
OP-11	Untargeted LC-HRMS profiling and data-processing workflow for the resolution and discrimination of complex wheat metabolomes
13.00 – 13.10	Sara MOROZZI¹ , Lapo RENAI ² , Leonardo VERDI ³ , Simone ORLANDINI ³ , Massimo DEL BUBBA ¹
	¹ University of Florence, Department of Chemistry, Sesto Fiorentino, Italy; ² University of Amsterdam, Van't Hoff Institute for Molecular Science, Amsterdam, The Netherlands; ³ University of Florence, Department of Agriculture, Food, Environment, and Forestry, Florence, Italy.
13.10 – 13.30	PANEL Q&A

13.30 – 15.00	LUNCH
15.00 – 16.30	Plenary, Keynotes & Oral Presentations
Chairs:	Erwin ROSENBERG, Petr ČESLA
PL-05	Organic micropollutants in aquatic ecosystems: advanced chromatographic analysis and impact
15.00 – 15.25	José Juan SANTANA RODRÍGUEZ
	<i>Instituto de Estudios Ambientales y Recursos Naturales (i-UNAT), Universidad de Las Palmas de Gran Canaria, Las Palmas de Gran Canaria, Spain.</i>
KL-08	Decoding wastewater: high-resolution mass spectrometry for community fingerprinting and selection of anthropogenic pollution markers
15.25 – 15.45	Agata KOT-WASIK
	<i>University of Technology, Faculty of Chemistry, Department of Analytical Chemistry, Gdańsk, Poland.</i>
KL-09	Trifluoroacetate: hydrophilic POP of extreme persistence
15.45 – 16.05	Hartmut FRANK
	<i>University of Bayreuth, Bayreuth Center of Ecology and Environmental Research (BayCEER) Bayreuth, Germany</i>
eP-07	Passive sampling for Ni determination in water using PVC-based polymer inclusion membrane
16.05 – 16.10	Marin ȘENILĂ, Simion Bogdan ANGYUS, Enikő Kovács, Otto TODOR-BOIER, Lăcrimioara ȘENILĂ
	<i>INCDO-INOE Research Institute for Analytical Instrumentation, Cluj-Napoca, Romania.</i>
FP-05	Comparative studies on the determination of trifluoroacetic acid by ion chromatography
16.10 – 16.15	Rajmund MICHALSKI¹, Joanna KOŃCZYK², Katarzyna STAHL¹, Paulina PECYNA-UTYLKA¹, Edward MUNTEAN³
	<i>¹Institute of Environmental Engineering of Polish Academy of Sciences, Zabrze, Poland; ²Jan Długosz University in Częstochowa, Faculty of Science & Technology, Institute of Chemistry, Częstochowa, Poland; ³University of Agricultural Sciences & Veterinary Medicine, Faculty of Food Sciences & Technology, Food Sciences Department, Cluj-Napoca, Romania.</i>
16.15 – 16.30	PANEL Q&A
16.35 – 17.00	Exhibition & Coffee Break
17.00 – 18.30	Keynotes & Oral Presentations
Chairs:	Anetta ZIOŁA-FRANKOWSKA, Massimo DEL BUBBA
OP-12	Monitoring of pharmacologically active dyes in wastewater using passive sampling: opportunities and challenges
17.00 – 17.10	Kamila MITROWSKA, Katarzyna SIELSKA, Monika GRZESIAK
	<i>National Veterinary Research Institute (PIWet), Department of Chemical Research of Food and Feed, Puławy, Poland.</i>

KL-10	Chemical-analytical investigations of aqueous extracts from products made of polymeric materials
17.10 – 17.30	Modest GERTSIUK
	<i>Institute of Environmental Geochemistry of the National Academy of Sciences of Ukraine, Kyiv, Ukraine.</i>
OP-13	LC-MS/MS analysis of various pharmaceuticals and metabolites in the drinking water production and wastewater treatment systems of Târgu Mureş city, Romania
17.30 – 17.40	Robert TÖTÖS¹, Mihaela-Cătălina POPOVICI², Vlad-Alexandru PĂNESCU², Ioana BLESNEAG³, Maria-Virginia COMAN²
	<i>Babeş-Bolyai University, Cluj-Napoca, Romania: ¹Faculty of Chemistry and Chemical Engineering; ²Raluca Ripan Institute for Research in Chemistry; ³George Emil Palade University of Medicine, Pharmacy, Science and Technology, Faculty of Medicine, Târgu Mureş, Romania.</i>
OP-14	Integrated chemical and phenotypic assessment of wastewater-impacted coastal waters in Gran Canaria: linking multiresidue UHPLC-QToF screening and antibiotic susceptibility profiles
17.40 – 17.50	Tanausú VEGA-MORALES, Zoraida SOSA-FERRERA, José Juan SANTANA-RODRÍGUEZ
	<i>Instituto Universitario de Estudios Ambientales y Recursos Naturales (i-UNAT), Universidad de Las Palmas de Gran Canaria (ULPGC), Las Palmas de Gran Canaria, Spain.</i>
OP-15	Determination of endocrine disruptors in reclaimed wastewater and surface waters by SPME optimized through chemometric approaches and GC/MS analysis
17.50 – 18.05	Simona DI BONITO¹, Luca RIVOIRA¹, Massimo DEL BUBBA², Mihail Simion BELDEAN-GALEA³, Maria Concetta BRUZZONITI¹
	<i>¹University of Turin, Turin, Italy; ²University of Florence, Sesto Fiorentino (FI), Italy; ³Babeş-Bolyai University, Cluj-Napoca, Romania.</i>
eP-08	A gas chromatographic approach for the monitoring of PFAS in water samples
18.05 – 18.10	Anastasia KORPETI, Natalia MANOUSI, Erwin ROSENBERG
	<i>Institute of Chemical Technologies and Analytics, Vienna University of Technology, Vienna, Austria.</i>
eP-09	Simplified determination of traces of explosives and their degradation products in environmental samples using picric acid as a model
18.10 – 18.15	Anastasiia MOSENDZ, Veronika SKALOZUB, Maryna ZUI
	<i>Taras Shevchenko National University of Kyiv, Kyiv, Ukraine.</i>
eP-10	Polymer-derived micropollutants in municipal wastewater treatment plants
18.15 – 18.20	Alina POHL, Malwina TYTŁA, Czesława ROSIK-DULEWSKA, Michał BODZEK, Rajmund MICHALSKI
	<i>The Institute of Environmental Engineering of the Polish Academy of Sciences, Zabrze, Poland.</i>

FP-06	LC-MS/MS monitoring of various PFAS in the drinking water production and wastewater treatment systems of Târgu Mureş city, Romania
18.20 – 18.25	Mihaela-Cătălina POPOVICI¹, Vlad-Alexandru PĂNESCU¹, Simina Ioana BELDEAN-GALEA², Maria-Virginia COMAN¹
	¹ Babeş-Bolyai University, Raluca Ripan Institute for Research in Chemistry, Analytical Chemistry Laboratory, Cluj-Napoca, Romania; ² Iuliu Hațieganu University of Medicine and Pharmacy, Faculty of Dental Medicine, Cluj-Napoca, Romania.
18.25 – 18.35	PANEL Q&A

WednesDAY, September 23, 2023

08.00 – 18.00 Registration & Secretariat
09.00 – 18.55 30-ISSS Symposium Progress

08.30 – 11.00	Plenary, Keynote & Oral Presentations
Chairs:	Marcin FRANKOWSKY, Michael LÄMMERHOFER
PL-06	Advances, strategies and perspectives of capillary electromigration techniques in bioanalysis
08.30 – 08.55	Danilo CORRADINI
	<i>Institute of Agricultural Biology and Biotechnology (IBBA), Italian National Research Council, Montelibretti, Rome, Italy.</i>
KL-11	3D Printing for the fabrication of PDMS microfluidics and the design of online interface between capillary electrophoresis and microdialysis
08.55 – 09.10	Petr TŮMA
	<i>Charles University, Third Faculty of Medicine, Department of Hygiene, Prague, Czech Republic.</i>
PL-07	Capillary electromigration methods – powerful tools for separation, analysis and characterization of peptides and proteins
09.10 – 09.35	Václav KAŠIČKA¹, Veronika ŠOLÍNOVÁ², Adéla KŘÍŽKOVÁ^{1,2}, Petra SÁZELOVÁ¹, Renáta KONÁŠOVÁ¹, Sille ŠTĚPÁNOVÁ¹, Dušan KOVAL¹
	¹ Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic; ² University of Chemical Technology, Prague, Czech Republic.
eP-11	Analysis and characterization of acid-base properties of newly synthesized Steroid Derivatives by Capillary Electrophoresis
09.35 – 09.40	Veronika ŠOLÍNOVÁ, Barbora SLAVÍKOVÁ, Eva KUDOVÁ, Václav KAŠIČKA
	<i>Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Praga, Czech Republic.</i>

eP-12	Capillary electrophoretic determination of acid-base properties of photoresponsive inhibitors of poly(ADP-ribose)polymerase 1
09.40 – 09.45	Sille ŠTĚPÁNOVÁ , Miroslav KAŠPAR, Kristýna JELÍNKOVÁ, Zlatko JANEBA, Václav KAŠIČKA
	<i>Institute of Organic Chemistry and Biochemistry of the Czech Academy of Sciences, Prague, Czech Republic.</i>
OP-16	Furan-Based Thin-Film Microextraction System for Urinary Lung Cancer Metabolomics
09.45 – 10.00	Füsun PELİT^{1,2} , İlknur ERBAS ^{1,2} , Tuğberk Nail DİZDAS ^{1,2} , Nazli Mert OZUPEK ³ , Esra SAKRAK ⁴ , Durmus OZDEMİR ⁵ , Ozlem GOKSEL ^{6,2} , Yasemin BASBINAR ³ , Tuncay GOKSEL ^{6,2} , Levent PELİT ^{1,2}
	<i>Ege University, Izmir-Türkiye: ¹Faculty of Science, Department of Chemistry, Bornova; ²Translational Pulmonary Research Center (EgeSAM); ⁴Drug Development & Pharmacokinetic Research & Application Center; ⁵Izmir Institute of Technology, Department of Chemistry; ⁶Faculty of Medicine, Department of Pulmonary Medicine, Division of Immunology & Allergy. ³Dokuz Eylul University, Institute of Oncology, Dep. Translational Oncology, Izmir-Turkiye.</i>
OP-17	Development of a multi-interaction adsorbent for μ-SPE of polycyclic aromatic hydrocarbons in urine samples
10.00 – 10.10	İlknur ERBAŞ^{1,2} , Füsun PELİT ^{*1,2} , Tuğberk Nail DİZDAŞ ^{1,2} , Tülin Deniz ÇİFTÇİ ¹
	<i>Ege University, Izmir, Türkiye: ¹Department of Chemistry; ²Translational Faculty of Science, Pulmonary Research Center (EgeSAM).</i>
FP-07	Polyaniline-based microextraction blades for metabolomics studies
10.10 – 10.17	Melda Nur BELELİ^{1,2} , İlknur Erbas ^{1,2} , Esra Şakrak ³ , Tuğberk Nail Dizdas ^{1,2} , Füsun Pelit ^{1,2}
	<i>Ege University, Izmir, Türkiye; ¹Faculty of Science, Department of Chemistry; ²Translational Pulmonary Research Center (EgeSAM), Drug Development and Pharmacokinetic Research and Application Center, Ege University, Izmir, Türkiye.</i>
FP-08	Development and validation of a liquid chromatographic tandem mass spectrometric method (LC–MS/MS) for the determination of bisphenols and parabens in menstrual products after solid-phase extraction
10.17 – 10.22	Pavlos VOUTSAS , Natasa KALOGIOURI, Victoria SAMANIDOU
	<i>Laboratory of Analytical Chemistry, Aristotle University of Thessaloniki, School of Chemistry, Thessaloniki, Greece.</i>
OP-18	Functionalized biomimetic materials for capillary electrophoresis: modulating electroosmotic flow and protein interactions for nanobody specific separation and quantification
10.22 – 10.32	Tristan CORBALAN¹ , Yoann LADNER ¹ , Margaux CLAVIE ¹ , Mehdi AHMAD ² , Gilles SUBRA ¹ , Philippe RONDARD ³ , Pierre André LAFON ³ , Catherine PERRIN ¹
	<i>¹IBMM, University of Montpellier, Montpellier, France; ²ICGM, University of Montpellier, Montpellier, France; ³IGF, University of Montpellier, Montpellier, France.</i>
OP-19	Expanding access to healthcare: STADA Romania's contribution through generics, specialty and consumer healthcare
10.32 – 10.52	Cezara POPA
	<i>STADA M&D SRL, Turda, Cluj County, Romania</i>

10.52 – 11.05	PANEL Q&A
11.05 – 11.30	Exhibition & Coffee Break
11.30 – 13.30	Plenary, Keynote & Oral Presentations
Chairs:	Ramia AL BAKAIN, Róbert GÓRA
PL-08	From classic liquid-liquid extraction to supramolecular solvents in bioanalytical applications
11.30 – 11.55	Andrei MEDVEDOVICI, Mircea-Alexandru COMĂNESCU
	<i>Department of Analytical and Physical Chemistry, Faculty of Chemistry, University of Bucharest, Bucharest, Romania.</i>
KL-12	Antibiotics determination in complex matrices: from extraction to green(Er) microextraction
11.55 – 12.15	Victoria SAMANIDOU
	<i>Laboratory of Analytical Chemistry, School of Chemistry, Aristotle University of Thessaloniki, Thessaloniki, Greece.</i>
KL-13	Determination of indoor air pollutants by dispersive liquid liquid microextraction
12.15 – 12.35	Levent PELİT ^{1,2} , Berfu YİĞRIK ^{1,2} , İlayda ÖZKAN ^{1,2} , Tuğba YAVUZ ¹ , Füsün PELİT ¹ , Bogusław BUSZEWSKI ³
	¹ Ege University, Faculty of Science, Department of Chemistry, İzmir, Türkiye; ² Ege University, Translational Pulmonary Research Center (Ege TPRC), İzmir, Türkiye; ³ Prof. Jan Czocharski Kuyavian-Pomeranian Science and Technology Center, Toruń, Poland.
OP-20	Eco-friendly extraction of phenolic compounds from Cypriot carob leaves of <i>Ceratonia siliqua</i> L. and tubers of <i>Asphodelus Ramosus</i> L. using natural deep eutectic solvents: process optimization and phytochemical characterization
12.35 – 12.50	Katerina A. IOANNOU ¹ , Amalia-Maria POLITI ² , Panagiotis PAPAGEORGIS ^{2,3} , Constantina STAVRIDOU ⁴ , Efremia HADJISOLOMOU ⁴ , Christina PITTA ⁴ , Dimitrios SARRIS ⁵ , Androulla N. MILIOTOU ^{6,7} , Panoraia I. SIAFAKA ^{2,3} , Constantina P. KAPNISSI-CHRISTODOULOU ¹ , Ioannis J. STAVROU ^{2,3}
	¹ University of Cyprus, Department of Chemistry, Nicosia, Cyprus; ² EUC Research Centre, Nicosia, Cyprus; ³ European University Cyprus, Nicosia, Cyprus; ⁴ Agricultural Research Institute, Nicosia Cyprus; ⁵ KES Research Centre, Nicosia, Cyprus; ⁶ University of Nicosia Research Foundation, Nicosia, Cyprus; ⁷ University of Nicosia, Nicosia, Cyprus.
OP-21	The application of Hansen solubility parameters: solvent selection in dispersive liquid-liquid microextraction of phthalates and its combination with GC analysis of medicines
12.50 – 13.00	Igor ZAKHARKIV, Maryna ZUI
	<i>Taras Shevchenko National University of Kyiv, Kyiv, Ukraine.</i>
FP-09	Hydrophobic deep eutectic solvent-based liquid-liquid microextraction for trace analysis of bisphenol A in environmental waters
13.00 – 13.07	İlknur ERBAŞ ^{1,2} , Neval BAYCAN ³ , Füsün PELİT ^{1,2}
	<i>Ege University, İzmir, Türkiye: ¹Faculty of Science, Department of Chemistry; ²Translational Pulmonary Research Center (Ege-SAM). ³Dokuz Eylül University, Faculty of Engineering, Department of Environmental Engineering, İzmir, Türkiye.</i>

FP-10	Determination of aromatic hydrocarbons in air by Ti₃AlC₂ based SPME fiber
13.07 – 13.14	Duygu Oğuz KILIÇ^{1,2,3}, İlayda ÖZKAN^{2,3}, Berfu YİĞRIK^{2,3}, Gül KAYA⁴, Kasım OCAKOĞLU⁴, Levent PELİT^{2,3}
	¹ Izmir Institute of Technology (IZTECH), Center for Materials Research, İzmir, Türkiye; ² Ege University, Faculty of Science, Department of Chemistry, Türkiye; ³ Ege University, Translational Pulmonary Research Center (Ege-SAM), İzmir, Türkiye; ⁴ Tarsus University, Faculty of Engineering, Department of Engineering Fundamental Sciences, Tarsus, Türkiye.
13.14 – 13.30	PANEL Q&A
13.30 – 14.30	LUNCH
14.30 – 16.30	Plenary, Keynote & Oral Presentations
Chairs:	Imre KLEBOVICH, Danilo CORRADINI
PL-09	Phytochemicals in food and plant samples – Challenges in chromatographic and effect-directed analyses
14.30 – 14.55	Irena VOVK¹, Vesna GLAVNIK¹, Maja BENSA², Breda SIMONOVSKA¹, Živa VIPOTNIK¹, Etil GUZELMERIC³, Ágnes M. MÓRICZ⁴, Uroš GAŠIĆ⁵
	¹ National Institute of Chemistry, Laboratory for Food Chemistry, Ljubljana, Slovenia; ² University of Ljubljana, Faculty of Health Sciences, Research Institute of Faculty of Health Sciences, Ljubljana, Slovenia; ³ Yeditepe University, Faculty of Pharmacy, Istanbul, Türkiye; ⁴ Plant Protection Institute, HUN-REN Centre for Agricultural Research, Budapest, Hungary; ⁵ University of Belgrade, National Institute of Republic of Serbia, Institute for Biological Research “Siniša Stanković”, Department of Plant Physiology, Belgrade, Serbia.
KL-14	Impact of sample handling on the volatilomic profile of medicinal plants
14.55 – 15.10	Ramia AL BAKAIN^{1,2}, Ariane MORTEVEILLE², Mélanie COHEN², Jérôme VIAL²
	¹ The University of Jordan, School of Science, Department of Chemistry, Amman, Jordan; ² ESPCI Paris, PSL Research University, UMR CBI, Laboratoire Sciences Analytiques, Bioanalytiques et Miniaturisation, Paris, France.
OP-22	Can separation sciences address consumers' food safety concerns?
15.10 – 15.20	Maja BENSA¹, Mojca JEVŠNIK PODLESNIK², Irena VOVK³
	University of Ljubljana, Faculty of Health Sciences, Ljubljana, Slovenia: ¹ Research Institute of Faculty of Health Sciences; ² Department of Sanitary Engineering. ³ National Institute of Chemistry, Laboratory for Food Chemistry, Ljubljana, Slovenia.
OP-23	Development and validation of a quantitative hptlc method for monitoring sequential carbohydrate hydrolysis
15.20 – 15.30	Julia BAUMLI^{1,2}, Cipriana TCACI¹, Claudia CIMPOIU^{1,2}
	Babeş-Bolyai University, Cluj-Napoca, Romania: ¹ Faculty of Chemistry and Chemical Engineering; ² Research Center for Advanced Chemical Analysis, Instrumentation & Chemometrics - ANALYTICA.

FP-11	Nutritional and bioactive profiling of medlar (<i>Mespilus germanica</i> L.) fruits and leaves for functional food development
15.30 – 15.37	Doru Ion NISTOR ¹ , Miuța Rafila FILIP ² , Mihaela Cecilia VLASSA ² , Crina Carmen MUREȘAN ¹ , Romina Alina MARC ¹
	¹ University of Agricultural Sciences and Veterinary Medicine, Faculty of Food Science and Technology, Food Engineering Department, Cluj-Napoca, Romania; ² Babeș-Bolyai University, Raluca Ripan Institute for Research in Chemistry, Analytical Chemistry Laboratory, Cluj-Napoca, Romania.
FP-12	Classification of pollen types based on VOC profiles using high-resolution GC-Orbitrap
15.37 – 15.44	Ebru ÇALKAN YILDIRIM ^{1,2} , Berfu YIĞRIK ^{1,2} , Senol ALAN ³ , İshak Özel TEKİN ⁴ , Özlem GÖKSEL ^{1,5} , Tuncay GÖKSEL ^{1,5} , Levent PELİT ^{1,2}
	Ege University, İzmir, Türkiye: ¹ Translational Pulmonary Research Center (Ege-SAM); ² Faculty of Science, Department of Chemistry; ⁵ Faculty of Medicine, Department of Pulmonary Medicine. Zonguldak Bulent Ecevit University, Zonguldak, Türkiye: ³ Faculty of Science, Department of Biology; ⁴ Faculty of Medicine, Department of Immunology.
FP-13	A simple and cost-effective method for the determination of organic tomatoes
15.44 – 15.51	Nergis İlayda ÖZKAN ^{1,2} , Uluç Yarkin SİPAHİ ^{1,2} , Duygu Selin TURAN ³ , Berfu YIĞRIK ^{1,2} , Lara HIŞMAN ⁴ , Asel Zehra MULCAR ⁴ , Can ARAT ⁴ , Gölgen Bahar ÖZTEKİN ⁴ , Burak ORDİN ³ , Levent PELİT ^{1,2}
	Ege University, İzmir, Türkiye: ¹ Faculty of Science, Department of Chemistry; ² Translational Pulmonary Research Center (EgeSAM); ⁴ Faculty of Agriculture, Department of Horticulture. ³ TAKEV High School, Altievler Mah. Vakıf Sk., İzmir, Türkiye.
FP-14	Eco-friendly synthesis of Ag/Ag₂O Nanoparticles using <i>Eryngium planum</i> L. extract and their antioxidant & antimicrobial activity
15.51 – 15.58	Adriana-Maria ANDREICA ¹ , Mihaela Cecilia VLASSA ¹ , Ioana PERHAIȚA ¹ , Rahela CARPA ² , Maria COROȘ ³ , Ioan PETEAN ⁴
	Babeș-Bolyai University, Cluj-Napoca, Romania: ¹ Raluca-Ripan Institute for Research in Chemistry; ² Faculty of Biology and Geology, Department of Molecular Biology and Biotechnology; ⁴ Faculty of Chemistry and Chemical Engineering. ³ National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania.
eP-13	GC–MS-Based VOC profiling of poultry cecal content as an analytical tool for assessing low-dose antibiotic exposure in broiler chickens
15.58 – 16.03	Magdalena BUSZEWSKA-FORAJTA ^{1,2} , İlknur ERBAŞ ³ , Ebru ÇALKAN YILDIRIM ³ , Berfu YIĞRIK ³ , Małgorzata OLEJNIK ¹ , Levent PELİT ³
	¹ Nicolaus Copernicus University, Faculty of Biological and Veterinary Sciences, Institute of Veterinary Medicine, Toruń, Poland; ² Prof. Jan Czocharlski Kuyavian-Pomeranian Science and Technology Center, Toruń, Poland; ³ Ege University, Faculty of Science, Division of Analytical Chemistry, Department of Chemistry, Izmir, Türkiye.

FP-15	The fate of lycopene and other carotenoids from feed to egg in two laying hen set-ups
16.03 – 16.10	Andrew CASSAR ¹ , Mauro BUTTIGIEG ¹ , Adrian BUGEJA DOUGLAS ¹ , Slavica BLAGOJEVIĆ ² , Tomislav TOSTI ³ , Everaldo ATTARD ¹
	¹ University of Malta, Institute of Earth Systems, Division of Rural Sciences and Food Systems, Msida, Malta. ² University of Belgrade, Belgrade, Serbia; ³ Faculty of Pharmacy, Department of Physical Chemistry and Instrumental Methods; ³ Institute of Chemistry, Technology and Metallurgy.
eP-14	LC-PDA-MS/MS Characterization of phytochemical changes in <i>Clitoria ternatea</i> L. extract during simulated gastrointestinal digestion
16.10 – 16.15	Ribi Ramadanti MULTISONA ¹ , Petr ČESLA ² , Barbora TOŠOVSKÁ ² , Michal KAŠPAR ² , Anna GRAMZA-MICHAŁOWSKA ¹
	¹ Poznań University of Life Sciences, Faculty of Food Science and Nutrition, Department of Gastronomy Science and Functional Foods, Poznań, Poland; ² University of Pardubice, Faculty of Chemical Technology, Department of Analytical Chemistry, Pardubice, Czech Republic.
eP-15	Quality control of natural vinegar based on lactic and acetic acid content
16.15 – 16.20	Olena KONOPLITSKA, Valentyna LEVCHYK
	Taras Shevchenko National University of Kyiv, Faculty of Chemistry, Department of Analytical Chemistry, Kyiv, Ukraine.
16.20 – 16.30	PANEL Q&A
16.30 – 16.50	Exhibition & Coffee Break
16.50 – 18.30	Keynote & Oral Presentations
Chairs:	Luca RIVOIRA, Levent PELIT
KL-15	Beyond total phenolics: analytical profiling and multi-criteria design of mineral–plant functional tonics
16.50 – 17.10	Mateusz SUGAJSKI ^{1,3} , Magdalena BUSZEWSKA-FORAJTA ^{2,3} , Bogusław BUSZEWSKI ³
	Nicolaus Copernicus University, Toruń, Poland: ¹ Faculty of Chemistry, Department of Environmental Chemistry and Bioanalytics; ² Faculty of Biological and Veterinary Sciences, Institute of Veterinary Medicine. ³ Prof. Jan Czochralski Kuyavian-Pomeranian Science and Technology Center, Toruń, Poland.
OP-24	A case study for celery drying kinetics
17.10 – 17.20	Alexandra CSAVDÁRI ^{1,2} , Andrea BOGYOR ¹ , Graziella TURDEAN ¹
	¹ Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Department of Chemical Engineering, Cluj-Napoca, Romania. ² Al-Farabi Kazakh National University, Faculty of Chemistry and Chemical Technology, Department of Analytical, Colloidal Chemistry and Technology of Rare Elements, Almaty, Kazakhstan.
OP-25	Effect of viscosity parameter on mineral and vitamin composition of <i>Olea europaea</i> L. leaf extracts
17.20 – 17.30	Eda BÜKER ^{1,2} , Dorina CASONI ³
	¹ Gazi University, Faculty of Pharmacy, Department of Basic Pharmaceutical Sciences, Ankara, Türkiye. ² Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Cluj-N., Romania; ³ Enzymology and Applied Biocatalysis Research Center; ³ Chemistry Department.

OP-26	Carbon-based sensitive matrix for heavy metals electrochemical determination
17.30 – 17.45	Carmen Ioana FORT, Graziella Liana TURDEAN
	<i>Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Department of Chemical Engineering, Centre of Electrochemistry and Non-conventional Materials, Cluj-Napoca, Romania</i>
FP-16	HPTLC, HPTLC-DPPH and HPTLC-MS/MS analyses of <i>Fallopia species</i> extracts
17.45 – 17.50	Vesna GLAVNIK¹, Irena VOVK¹, Živa VIPOTNIK¹, Simona STRGULC KRAJŠEK²
	¹ National Institute of Chemistry, Laboratory for Food Chemistry, Ljubljana, Slovenia; ² University of Ljubljana, Biotechnical Faculty, Department of Biology, Ljubljana, Slovenia.
FP-17	UHPLC-MS/MS analyses and spectrophotometric assays of japanese knotweed extracts obtained from accelerated solvent extraction
17.50 – 17.55	Živa VIPOTNIK¹, Vesna GLAVNIK¹, Uroš GAŠIĆ², Maja BENSÁ³, Irena VOVK¹
	¹ National Institute of Chemistry, Laboratory for Food Chemistry, Ljubljana, Slovenia; ² University of Belgrade: National Institute of Republic of Serbia, Department of Plant Physiology; Institute for Biological Research "Siniša Stanković", Belgrade, Serbia; ³ University of Ljubljana, Faculty of Health Sciences, Research Institute of Faculty of Health Sciences, Ljubljana, Slovenia.
FP-18	Three-way modelling of kinetic absorbance measurements of drug–AgNP interactions for the quantification of acetylcysteine in tablets
17.55 – 18.00	Erdal DİNÇ¹, Burcu Zeynep BULGUROĞLU^{1,2,3}
	Ankara University, Ankara, Türkiye: ¹ Faculty of Pharmacy, Department of Analytical Chemistry; ² Department of Analytical Chemistry, Graduate School of Health Sciences. Zonguldak Bülent Ecevit University, Zonguldak, Türkiye: ³ Faculty of Pharmacy, Department of Analytical Chemistry.
FP-19	UV–Vis spectrophotometric method for acrylamide quantification in food samples via selective reaction with L-cysteine
18.00 – 18.05	Dorina CASONI, Debora CÂMPAN
	<i>Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Department of Chemistry, Cluj-Napoca, Romania.</i>
FP-20	A flexible multi-criteria approach to targeted LC-MS/MS method optimization
18.05 – 18.10	Michal KAŠPAR, Pavlína MUSILOVÁ, Petr ČESLA
	<i>University of Pardubice, Faculty of Chemical Technology, Department of Analytical Chemistry, Pardubice, Czech Republic.</i>
FP-21	LC-MS/MS determination of five alkylphenols in E-Cigarette refill liquids: method development and validation
18.10 – 18.15	Dominika OSIECKA, Maria LUBIŃSKA, Paweł KUBICA
	<i>Gdańsk University of Technology, Chemical Faculty, Department of Analytical Chemistry, Gdańsk, Poland.</i>
eP-16	Long-term effects of two remediation strategies on soil bacterial communities: Contaminant removal versus ecological approach
18.15 – 18.20	Emanuela D. TIODAR¹, Cristina L. VĂCAR¹, Zoltan R. BALÁZS^{1,2}, Carmen A. ROBA³, Dorina PODAR^{1,2}
	<i>Babeş-Bolyai University, Cluj-Napoca, Romania: ¹Centre for Systems Biology, Biodiversity and Bioresources (3B); ²Department of Molecular Biology and Biotechnology; ³Faculty of Environmental Sciences and Engineering.</i>

eP-17	Optimization of reagent volumes for ICP-MS trace metal analysis in environmental reference materials
18.20 – 18.25	Cristina-Lorena VĂCAR¹, Dan-Constantin NIȚĂ², Dorina PODAR^{1,3}
	<i>Babeş-Bolyai University, Cluj-Napoca, Romania:</i> ¹ Centre for Systems Biology, Biodiversity and Bioresources (3B); ² Development and Innovation in Applied Natural Sciences, Institute for Research; ³ Department of Molecular Biology and Biotechnology.
18.25 – 18.35	PANEL Q&A
19.30 – 24.00	GALA DINNER

THURSDAY, September 24, 2024

08.00 – 16.00 Registration & Secretariat

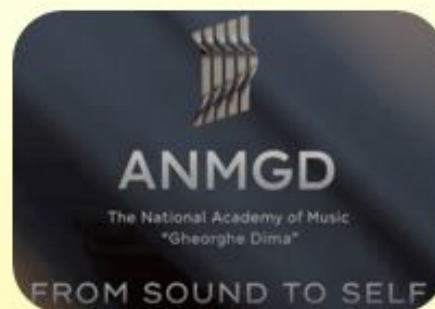
09.00 – 16.00 30-SSS Symposium & Closing Ceremony

09.00 – 11.10	Plenary, Keynote & Oral Presentations
Chairs:	Irena VOVK, Modest GERTSIUK
PL-10	Non-target analysis of phospholipids in egg yolk using quantitative retention-chemical structure relation and liquid chromatography/triple quadruple tandem mass spectrometry
09.00 – 09.25	Bogusław BUSZEWSKI¹, Magdalena BUSZEWSKA-FORAJTA^{1,2}, Zbigniew DOBRZAŃSKI³, Tadeusz TRZISZKA³
	¹ Prof. Jan Czocharlski Kuyavian-Pomeranian Science & Technology Center, Toruń, Poland; ² Nicolaus Copernicus University, Institute of Veterinary Medicine, Faculty of Biological and Veterinary Sciences, Toruń, Poland; ³ Wrocław University of Environmental and Life Sciences, Wrocław, Poland.
OP-27	Profiling the glucosinolate response to selenium biofortification in two diverse <i>Brassicaceae</i> crops by an UHPLC-MS/MS study
09.25 – 09.40	Enrica DONATI¹, Zeineb ATURKI¹, Giovanni D'ORAZIO¹, Lázaro-Armando PÉREZACOSTA², Mercè LLUGANY³, María-Jesús SÁNCHEZ-MARTÍN², Danilo CORRADINI¹
	¹ Italian National Research Council, Institute of Agricultural Biology and Biotechnology (IBBA), Rome, Italy; Universitat Autònoma de Barcelona, Bellaterra, Barcelona, Spain; ² Faculty of Science, Department of Chemistry, GTS Research Group; ³ Faculty of Bioscience, Plant Physiology Department, BABVE.
KL-16	Preliminary HPLC-ICP-MS speciation of water- and fat-soluble arsenic species using synthesized standard
09.40 – 10.00	Anetta ZIOŁA-FRANKOWSKA, Dorota JAKKIELSKA, Marcin FRANKOWSKI
	<i>Faculty of Chemistry, Adam Mickiewicz University, Poznań, Poland.</i>

OP-28	Molecular docking analysis of gallic acid, pyrogallol and resorcinol with sleep- and CR-regulating protein targets in a <i>Drosophila</i> Model of fragile X syndrome
10.00 – 10.15	Sara MILOJEVIC ¹ , Nikola MITOVIC ² , Maja STOJKOVIC ¹ , Tomislav TOSTI ³ , Dragana PROTIC ¹
	<i>University of Belgrade, Serbia:</i> ¹ Faculty of Medicine, Department of Pharmacology, Clinical Pharmacology and Toxicology; ² Faculty of Medicine, Department of Pathophysiology; ³ Institute of Chemistry, Technology and Metallurgy.
OP-29	Rapid UPLC method for the simultaneous determination of aspirin and clopidogrel in combined tablet formulation
10.15 – 10.25	Asiye ÜÇER ^{1,2} , Erdal DİNÇ ¹
	¹ Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry, Ankara, Türkiye; ² Ankara Yıldırım Beyazıt University, Faculty of Pharmacy, Department of Analytical Chemistry, Ankara, Türkiye.
OP-30	A novel rapid UPLC–PDA method for the simultaneous determination of estradiol valerate and dienogest in tablets
10.25 – 10.35	Erdal DİNÇ ¹ , Adem MERT ^{1,2}
	¹ Ankara University, Faculty of Pharmacy, Department of Analytical Chemistry, Ankara, Türkiye; ² Gaziantep University, Naci Topçuoğlu Vocational School, Gaziantep, Türkiye.
10.35-11.00	PANEL Q&A
11.00 – 11.20	Exhibition & Coffee Break
11.20 – 12.20	Keynote & Oral Presentations
Chairs:	Virginia COMAN, Bogusław BUSZEWSKI
OP-31	Integrated 1H-NMR, LC–UV and Nano-LC–MS profiling of primary and secondary metabolites in globe artichoke plant parts
11.20 – 11.35	Giovanni D'ORAZIO, Enrico SERNI, Giuseppe SCIOLI, Anatoly P. SOBOLEV
	<i>Italian National Research Council, Institute of Agricultural Biology and Biotechnology (IBBA), Montelibretti (Rome), Italy.</i>
OP-32	Preparation of celery extracts by means of supercritical CO₂ extraction
11.35 – 11.50	Andrea BOGYOR ¹ , Zair IBRAIMOV ² , Bagashar ZHAKSYBAY ² , Rustam TOKPAYEV ² , Graziella TURDEAN ¹ , Alexandra CSAVDÁRI ^{1,3}
	¹ Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering, Department of Chemical Engineering, Cluj-Napoca, Romania; ² Al-Farabi Kazakh National University, Center of Physical and Chemical Methods of Research and Analysis, Almaty, Kazakhstan; ³ Al-Farabi Kazakh National University, Faculty of Chemistry and Chemical Technology, Department of Analytical, Colloidal Chemistry and Technology of Rare Elements, Almaty, Kazakhstan.
eP-18	Excompan software system for large substances datasets automated expert evaluation
11.50 – 11.55	Mykola GERTSIUK ¹ , Modest GERTSIUK ²
	¹ State University of Information and Communication Technologies, Kyiv, Ukraine; ² Institute of Environmental Geochemistry of National Academy of Sciences of Ukraine, Kyiv, Ukraine.

KL-17	Mechanochemical molecular imprinting: Grinding towards selectivity
11.55 – 12.15	Andreea Elena BODOKI ¹ , Bogdan-Cezar IACOB ² , Ede BODOKI ²
	¹ Iuliu Hațieganu University of Medicine and Pharmacy, Faculty of Pharmacy, Department of Inorganic Chemistry, Cluj-Napoca, Romania; ² Iuliu Hațieganu University of Medicine and Pharmacy, Faculty of Pharmacy, Department of Analytical Chemistry, Cluj-Napoca, Romania.
12.15 – 12.25	PANEL Q&A
12.25 – 13.00	CLOSING CEREMONY
13.00	FAREWELL RECEPTION





Musical Program

- **Folklore performance**
Lect. Dr. Larisa Prună, Lect. Dr. Ovidiu Barteș, and students Horațiu Suciu and George Ciocotișan
- **Ciprian Porumbescu – Ballad**
Andrei Pocol, 3rd year, Assoc. Prof. Dr. Marius Popescu
- **Giuseppe Verdi – Rigoletto: "Questa o quella"**
Cezar Baltag, tenor, Lect. Dr. Lelia Serafinceanu
- **Vincenzo Bellini – Ecce mi in lieta vesta... Oh! Quante volte, from Capuleti e i Montecchi**
Ana Taflan, soprano, Lect. Dr. Lelia Serafinceanu
- **Mauriciu Vescan – Perhaps We Wouldn't Love So Much**
Cezar Baltag, tenor, Lect. Dr. Lelia Serafinceanu
- **Duet – Non ti scordar di me**
Cezar Baltag, tenor, Ana Taflan, soprano
- **Jazz 'n' Tonic Trio**
Casiana Lazăr – vocals, Pasha Fedotov – saxophone, Dima Belinski – piano



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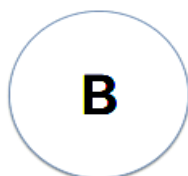
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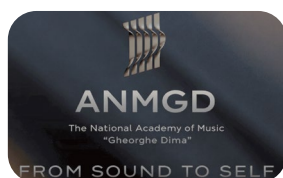
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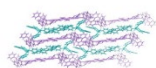
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