

SUNDAY 16/6 - University of Milano Bicocca				8:30-13:00
Short Courses 1-8				
Coffee break				11:00-11:30
Short Courses 9-16				
SUNDAY 16/6 - Conservatorio di Milano "Giuseppe Verdi"				16:00-19:30
Opening				
Plenary-1				
Award Ceremony				
Welcome Reception				19:30
MONDAY 17/6, University of Milano Bicocca				8:30-19:00
Registration				8:30-10:15
MON 1.1	MON 2.1	MON 3.1	MON 4.1	
Lunch/Exhibition/Poster Session Vendor seminars (<i>Agilent Technologies, Merck KGaA, Phenomenex, Waters Corporation</i>)				11:55-14:00
MON 1.2	MON 2.2	MON 3.2	MON 4.2	
Coffee break/Exhibition/Poster Session				15:35-17:00
MON 1.3	MON 2.3	MON 3.3	MON 4.3	
TUESDAY 18/6, University of Milano Bicocca				8:30-19:00
TUE 1.1	TUE 2.1	TUE 3.1	TUE 4.1	
Coffee break/Exhibition/Poster Session				10:10-11:10
TUE 1.2	TUE 2.2	TUE 3.2	TUE 4.2	
Lunch/Exhibition/Poster Session Vendor seminars (<i>Agilent Technologies, Thermo Fisher Scientific, Shimadzu Europe GmbH, Molnár-Institute for Applied Chromatography</i>)				12:30-14:00
TUE 1.3	TUE 2.3	TUE 3.3	TUE 4.3	
Coffee break/Exhibition				15:45-16:35
TUE 1.4	TUE 2.4	TUE 3.4	TUE 4.4	
SCIENCE SLAM				18:00-19:00
WEDNESDAY 19/6, University of Milano Bicocca				8:30-19:00
WED 1.1	WED 2.1	WED 3.1	WED 4.1	
Coffee break/Exhibition/Poster Session				10:20-11:20
WED 1.2	WED 2.2	WED 3.2	WED 4.2	
Lunch/Exhibition/Poster Session Vendor seminars (<i>Agilent Technologies, Thermo Fisher Scientific, Waters Corporation</i>)				12:40-14:00
WED 1.3	WED 2.3	WED 3.3	WED 4.3	
Coffee break/Exhibition				14:45-16:35
WED 1.4	WED 2.4	WED 3.4	WED 4.4	
HPLC TUBE				18:00-19:00
THURSDAY 20/6, University of Milano Bicocca				08:30-17:30
THU 1.1	THU 2.1	THU 3.1	THU 4.1	
Coffee break/Exhibition/Poster Session - Final Round				10:05-11:10
THU 1.2	THU 2.2	THU 3.2	THU 4.2	
Lunch/Exhibition				12:55-14:00
Plenary-2				
Farewell Party				16:30-17:30

ID	Title	Presenting Author
SUNDAY, JUNE 16		
SUN 1.1	16.00 - 19.30	PLENARY 1
366	THE ART OF CHROMATOGRAPHY	<i>Felinger Attila, Pécs Hungary</i>
MONDAY, JUNE 17		
MON 1.1	10.15 - 11.55	PROTEOMICS - 1
200	THE USE OF LC/MS AND BIO-ORTHOGONAL CHEMISTRY TO STUDY PROTEIN DYNAMICS IN CARDIAC REMODELING	<i>Yates John, LaJolla United States</i>
62	SWEET AND SOUR: ANALYSIS OF INTACT PROTEINS BY HILIC-MS	<i>Gargano Andrea, Amsterdam Netherlands</i>
338	PROTEOMICS OF DIATOMS: DISCOVERY OF POLYAMINE MODIFICATIONS IN BIOSILICA-ASSOCIATED PROTEINS	<i>Milentyev Alexander, Dresden Germany</i>
287	DIFFERENTIAL MOBILITY SPECTROMETRY WITH DATA INDEPENDENT COLLISION- AND ELECTRON- INDUCED DISSOCIATION MASS SPECTROMETRY FOR GLYCOPEPTIDE ANALYSIS	<i>Bravo-Veyrat Sophie, Geneva Switzerland</i>
195	SOFT SAMPLING OF TISSUES FOR PROTEOMICS AND METABOLOMICS WITH INFRARED-LASER TECHNOLOGY	<i>Schlüter Hartmut, Hamburg Germany</i>
361	HIGH-THROUGHPUT PROTEOME ANALYSIS USING 50 CM LONG MICRO PILLAR ARRAY (MPAC™) COLUMNS	<i>Op de beeck Jeff, Zwijnaarde Belgium</i>
MON 2.1	10.15 - 11.55	MINIATURIZATION & ELECTRODRIVEN TECHNOLOGIES
257	THIOLENE-BASED MICROFLUIDIC SEPARATION DEVICES - PROSPECTS AND CHALLENGES	<i>Kutter Jörg, Copenhagen Denmark</i>
370	NEXT GENERATION CHIP-HPLC	<i>Belder Detlev, Leipzig Germany</i>
110	ELECTROMIGRATIVE SEPARATION TECHNIQUES WITH SURFACE ENHANCED RAMAN SPECTROSCOPY IN MICROFLUIDICS	<i>Skadell Mirjam Magdalena, Leipzig Germany</i>
252	FIBRE ELECTROFLUIDICS: ON-FIBRE ELECTROPHORESIS, ISOTACHOPHORESIS, ISOELECTRIC FOCUSING AND 'DRUG E-DELIVERY' USING SUTURES	<i>Paull Brett, Hobart Australia</i>
64	USING CARBON DOTS TO MEDIATE THE FLUORESCENCE RESPONSE AND MOBILITY OF SSDNA AND METALLOPROTEIN SAMPLES IN CAPILLARY ELECTROPHORESIS CE AND CAPILLARY TRANSIENT ISOTACHOPHORESIS CTITP	<i>Colyer Christa, Winston Salem United States</i>
219	DETECTION OF A REDUCED MONOCLONAL ANTIBODY (MAB) AT LOW NG/ML CONCENTRATION IN BIOLOGICAL SAMPLES BY CE-MS	<i>Lock Stephen, PUDSEY Great Britain</i>
MON 3.1	10.15 - 11.55	FUNDAMENTALS - 1, COLUMN EFFICIENCY
367	THE CHECKERBOARD MODEL: NEW INSIGHTS IN THE EDDY-DISPERSION OF PACKED BED COLUMNS FOR LIQUID CHROMATOGRAPHY	<i>Desmet Gert, Brussels Belgium</i>
275	INVESTIGATION OF THE POSSIBILITIES AND LIMITATIONS OF A SAMPLE FEED INJECTOR	<i>Broeckhoven Ken, Brussel Belgium</i>
295	EXPLORING THE POTENTIAL OF ZWITTERIONIC TEICOPLANIN-BASED CSPS BY USING MACROPOROUS SUPERFICIALLY POROUS SILICA PARTICLES 2.7 MM 160Å AND 3.4 MM 400Å	<i>Ismail Omar H., Ferrara Italy</i>
173	ULTRA-HIGH-PRESSURE ION CHROMATOGRAPHY WITH SUPPRESSED CONDUCTIVITY DETECTION AT 70 MPA USING COLUMNS PACKED WITH 2.5 MM PARTICLES	<i>Pohl Christopher, Sunnyvale United States</i>
231	EXPLOITING VORTICES TO SUPPRESS DISPERSION IN LIQUID CHROMATOGRAPHY	<i>De Malsche Wim, Brussels Belgium</i>
322	IMPROVING SEPARATION EFFICIENCY OF SILICA MONOLITHS	<i>Peters Benjamin, Darmstadt Germany</i>
MON 4.1	10.15 - 11.55	FOOD ANALYSIS - 1
44	A FOODOMICS STUDY OF TROPICAL FRUITS BY-PRODUCTS	<i>Cifuentes Alejandro, Madrid Spain</i>
364	NON-TARGETED SCREENING METHOD FOR RISK SUBSTANCES IN FOOD BASED ON UHPLC-HIGH RESOLUTION MASS SPECTROMETRY	<i>Xu Guowang, Dalian China</i>
117	SECOIRIDIDS IN OLIVE OIL: ELUCIDATING THE COMPLEX FAMILY OF OLEUROPEIN AGLYCONE ISOMERS THROUGH IN VITRO ENZYMATIC REACTIONS AND LIQUID-CHROMATOGRAPHY WITH ESI-FOURIER-TRANSFORM SINGLE/TANDEM MASS SPECTROMETRY	<i>Losito Ilario, Bari Italy</i>
69	TARGETED AND NON-TARGETED STRATEGIES IN LIQUID CHROMATOGRAPHY TO GUARANTEE FOOD INTEGRITY AND AUTHENTICITY	<i>Nuñez Oscar, Barcelona Spain</i>
329	DEVELOPMENT OF AN ANALYTICAL METHOD FOR THE COMPREHENSIVE CHARACTERISATION OF (POLY-) PHENOLIC AND FLAVONOID COMPOUNDS IN ASPARAGUS BY ONE- AND TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY WITH DIODE ARRAY AND MASS SPECTROMETRIC DETECTION	<i>Rosenberg Erwin, Vienna Austria</i>
89	QUICK AND EASY DETERMINATION OF AFLATOXINS IN FOOD MATRICES	<i>Folmert Dr. Kristin, Berlin Germany</i>
MON 1.2	14.00 - 15.35	SAMPLE PREPARATION - 1
39	METAL-ORGANIC FRAMEWORKS IN ANALYTICAL EXTRACTION AND SEPARATION TECHNIQUES	<i>Pino Verónica, La Laguna Spain</i>

ID	Title	Presenting Author
223	DUAL-MODE ONLINE SPE FOR THE ANALYSIS OF FLUORESCENTLY LABELED GLYCANS BY HILIC- AND RP-HPLC	Suzuki Shigeo, Osaka Japan
336	THE USE OF CORE-SHELL SiO ₂ @CIM-80 METAL-ORGANIC FRAMEWORK MICROPARTICLES AS EXTRACTANT MATERIAL IN A DISPERSIVE SOLID-PHASE MICROEXTRACTION - HIGH PERFORMANCE LIQUID CHROMATOGRAPHY METHOD	Gutiérrez-Serpa Adrián, San Cristóbal de La Laguna Spain
323	COMPREHENSIVE METABOLITE EXTRACTION: COMPARISON BETWEEN ON LINE AND OFF LINE PROCEDURES TO SUGARCANE UNTARGETED METABOLOMIC ANALYSIS	CAVALHEIRO ALBERTO, Araraquara Brazil
33	MULTIFUNCTIONAL POLYMER@MNPS FOR SELECTIVE CAPTURE AND RELEASE OF DRUGS	Qiao Juan, Beijing China
340	USE OF THE CIM-81 METAL-ORGANIC FRAMEWORK AS SORBENT IN A MINIATURIZED DISPERSIVE SOLID-PHASE EXTRACTION METHOD COMBINED ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND ULTRAVIOLET DETECTION FOR DETERMINING EMERGING CONTAMINANTS IN WASTEWATERS	González-Hernández Providencia, La Laguna Spain
MON 2.2	14.00 - 15.35 ION EXCHANGE CHROMATOGRAPHY & MS	
373	NEW EVOLUTIONS IN ION EXCHANGE CHROMATOGRAPHY AND ITS HYPHENATION WITH MASS SPECTROMETRY	GUILLARME Davy, Geneva Switzerland
277	CHARGE VARIANT ANALYSIS OF INTACT MONOCLONAL ANTIBODIES USING ONLINE NATIVE ION-EXCHANGE CHROMATOGRAPHY-MASS SPECTROMETRY	Haselberg Rob, Amstserdam Netherlands
164	UNIVERSAL ION EXCHANGE CHROMATOGRAPHY SEPARATION PLATFORM	Lin Shanhua, Sunnyvale United States
341	EXPLORING CHARGE VARIANT ANALYSIS OF NATIVE MONOCLONAL ANTIBODIES USING LC-ONLINE HIGH-RESOLUTION MS WITH PH GRADIENTS AND VARIOUS CATION EXCHANGE COLUMNS	Sanchez A. Carl, Torrance United States
56	A NEW MULTI-ATTRIBUTE METHOD - ION EXCHANGE CHROMATOGRAPHY OF BIOPHARMACEUTICAL PROTEINS COUPLED DIRECTLY TO HIGH RESOLUTION MASS SPECTROMETRY	cook ken, Morpeth Great Britain
13	PROTEIN UPTAKE KINETICS TO POLYMER-GRAFTED ION-EXCHANGERS	Sun Yan, Tianjin China
MON 3.2	14.00 - 15.35 FUNDAMENTALS - 2, STATIONARY PHASES	
31	80TH BIRTHDAY OF DYNAMICS OF CHROMATOGRAPHY. WHAT HAVE WE LEARNED? WHAT WILL WE MAKE FROM IT TOMORROW?	Gritti Fabrice, MILFORD United States
46	NEW SUB-TWO MICRON BIOSEC PARTICLES FOR HIGH RESOLUTION AND HIGH SPEED SEPARATION OF MONOCLONAL ANTIBODIES IN HPLC	Chen Wu, Wilmington United States
184	PRECISION TAILORING OF THE MORPHOLOGY OF POLYMER MONOLITHIC COLUMNS FOR HIGH-RESOLUTION SEPARATIONS IN LIQUID CHROMATOGRAPHY	Dores-Sousa José Luís, Brussels Belgium
194	A NEW GROUP OF NANOZYMES FOR DETECTION OF SOME COMMON BIOMOLECULES	Kip Cigdem, Ankara Turkey
332	HYBRID PARTICLE COLUMNS: PAST, PRESENT AND FUTURE	Walter Thomas, Milford United States
161	PHOTO-DELAY-POLYMERIZATION FOR MONOLITHIC CAPILLARY COLUMNS AND MCHIP DEVICES	Batiston Weliton Pedro, São Carlos Brazil
MON 4.2	14.00 - 15.35 MINIATURIZATION & MICROFLUIDICS	
95	A LEGO®-INSPIRED APPROACH TO SOLID PHASE EXTRACTION: DEVELOPMENT OF 3D-PRINTED, MICROFLUIDIC ARRAYS FOR THE TRACE EXTRACTION OF EXPLOSIVES IN COMPLEX MATRICES	Irlam Rachel, London Great Britain
101	DEVELOPMENT AND APPLICATION OF A MINIATURISED HPLC SYSTEM FOR DEPLOYMENT IN THE PHARMACEUTICAL INDUSTRY	Haddad Paul, Hobart, Tasmania Australia
128	DEVELOPMENT OF A PILLAR ARRAY MIXER FOR POST-COLUMN DERIVATIZATION ON A CHIP	TSUNODA MAKOTO, Tokyo Japan
283	NANO-SCALE HPLC PUMPS FOR ISOCRATIC AND GRADIENT ULTRA-NANO HPLC SYSTEMS	Copeland Jennifer, Houston United States
246	EXPERIMENTAL INVESTIGATION OF THE INFLUENCE OF THE INJECTION VOLUME ON THE EFFICIENCY OF MINIATURIZED SEPARATION COLUMNS	Werres Tobias, Duisburg Germany
30	ORGANOIDS AND ORGAN-ON-A-CHIP: EMERGING TOOLS IN BIOMEDICINE, AND A NATURAL PARTNER OF MINIATURIZED CHROMATOGRAPHY	Wilson Steven, Oslo Norway
MON 1.3	17.00 - 18.35 SAMPLE PREPARATION - 2	
320	A FULLY AUTOMATED SALTING-OUT ASSISTED LIQUID-LIQUID EXTRACTION (SALLE) PROCEDURE COUPLED WITH ON-LINE STACKING FOR THE ANALYSIS BY CAPILLARY ELECTROPHORESIS: APPLICATION TO TYROSINE KINASE INHIBITORS (TKIS) IN HUMAN PLASMA	AHMED omar, Montpellier France
355	ADVANCED GEL PERMEATION CHROMATOGRAPHY SYSTEM TO INCREASE LOADING CAPACITY	Massari Federica, Bari Italy
343	IN-SYRINGE ELECTROKINETIC CLEAN-UP OF BIOLOGICAL SAMPLES FOR DIRECT INJECTION ELECTROSPRAY IONIZATION MASS SPECTROMETRY	Breadmore Michael, Hobart Australia
63	"ACCURATE KD VIA TRANSIENT INCOMPLETE SEPARATION" (AKTIS): AN APPROACH FOR FINDING ACCURATE EQUILIBRIUM DISSOCIATION CONSTANTS OF PROTEIN-DRUG COMPLEXES	Krylov Sergey, Toronto Canada
210	CHALLENGES ON THE CONCENTRATION AND EXTRACTION OF SIZE-SELECTED POLYNYNES SYNTHESIZED IN WATER	Peggiani Sonia, Milano Italy
192	SHEDDING LIGHT ON SPME SAMPLE PREPARATION APPROACH IN HPLC	Pawliszyn Janusz, Waterloo Canada

ID	Title	Presenting Author
MON 2.3 17.00 - 18.35 BIOMEDICAL APPLICATIONS		
66	ELECTROCHEMISTRY/ELECTROSPRAY IONIZATION MASS SPECTROMETRY (EC-ESI-MS) FOR THE STUDY OF DRUGS FROM DIFFERENT THERAPEUTIC GROUPS OXIDATION PRODUCTS AS POSSIBLE METABOLITES FOR THE PURPOSES OF BIOMEDICAL DIAGNOSTIC	Szultka-Młyńska Małgorzata, Toruń Poland
171	FROM DISCOVERY TO REMOTE SAMPLING ASSAYS: EXPANDED PROTEOMICS AND LIPIDOMIC PROFILING FOR EARLY PREDICTION OF MAJOR ADVERSE CARDIAC EVENTS	Van Eyk Jennifer, Los Angeles United States
234	COMPARISON OF POLYSORBATES 20 AND 80 OF DIFFERENT QUALITIES BY LC-MS	Brovč Ema Valentina, Ljubljana Slovenia
208	FAST LIPIDOMIC ANALYSIS BASED ON UPLC-MS AND ITS APPLICATION IN DIABETIC RETINOPATHY	Hu Chunxiu, Dalian China
189	IDENTIFICATION OF EMERGING CONTAMINANTS IN HUMAN PLASMA USING UHPLC-QTOF MS	Chen Ju-Yu, Taipei City Taiwan (Republic of China)
333	LC-MS/MS METHOD FOR NEUROCHEMICAL DETECTION IN BIOLOGICAL SAMPLES	Zestos Alexander, Washington DC United States
MON 3.3 17.00 - 18.35 FUNDAMENTALS - 3, STATIONARY PHASES		
214	CONFINED MONOLITHIC STATIONARY PHASES PREPARED BY THERMAL POLYMERIZATION	Passamonti Marta, Amsterdam Netherlands
146	DUAL-RETENTION MECHANISM ON MONOLITHIC CAPILLARY COLUMNS WITH ZWITTERIONIC FUNCTIONALITY	Urban Jiri, Brno Czech Republic
38	HIGH-THROUGHPUT, CHROMATOGRAPHIC ISOLATION OF EXOSOMES ON CAPILLARY-CHANNELED POLYMER (C-CP) FIBER PHASES	Marcus R. Kenneth, 29634 United States
313	MULTICOMPONENT UGI REACTION AS A TOOL FOR FAST AND EASY PREPARATION OF HILIC STATIONARY PHASES	Chernobrovkina Alla, Moscow Russian Federation
209	PREPARATION OF MESOPOROUS POLYMER-BASED MONOLITHIC COLUMNS BY CONTROLLED RADICAL POLYMERIZATION	Arrua Dario, Adelaide Australia
211	IN-DEPTH INVESTIGATION OF THE PHENOMENA GOVERNING INTRA-PARTICLE DIFFUSION IN LIQUID CHROMATOGRAPHY	Cabooter Deirdre, Leuven Belgium
MON 4.3 17.00 - 18.35 INNOVATIVE APPLICATIONS - 1		
272	PURE MODE OR MIXED-MODE CHROMATOGRAPHY?	Gilar Martin, Milford United States
65	CH- π INTERACTION IN LIQUID CHROMATOGRAPHY FOR EFFECTIVE SHAPE RECOGNITIONS AND SEPARATION OF H/D ISOTOPOLOGUES	Kubo Takuya, Kyoto Japan
159	ULTRA-HIGH-PRESSURE GEL PERMEATION CHROMATOGRAPHY: BENEFITS AND SHORTCOMINGS	Eghbali Hamed, Terneuzen Netherlands
25	INTO THE BLACK: ADVANCES IN LIQUID SEPARATIONS EMPLOYING CARBON PARTICLES	Muraco Cory, Bellefonte United States
315	NEW COLUMN MODALITIES FOR IMPROVED BIOMOLECULE SEPARATION	Machtejevas Egidijus, Darmstadt Germany
350	SIZE EXCLUSION CHROMATOGRAPHY: AN EFFECTIVE OPPORTUNITY FOR HIGH MOLECULAR WEIGHT BIOACTIVES CHARACTERIZATION	Temporini Caterina, Pavia Italy
TUESDAY, JUNE 18		
TUE 1.1 08.30 - 10.10 LC-MS BIOACTIVE MOLECULES - 1		
88	POTENTIAL OF IMMOBILIZED ENZYMIC REACTORS COUPLED WITH LIQUID CHROMATOGRAPHY AND MASS SPECTROMETRY FOR THE STRUCTURAL ELUCIDATION OR THE QUANTITATIVE ANALYSIS OF TARGET PROTEINS	PICHON Valérie, Paris France
48	INVESTIGATION INTO REVERSED PHASE CHROMATOGRAPHY PEPTIDE SEPARATION SYSTEMS: APPLICATION OF COLUMN CHARACTERISATION AND MOBILE PHASE CHARACTERISATION PROTOCOLS USING PEPTIDE PROBES TO IDENTIFY SUITABLE CONDITIONS FOR PEPTIDE SEPARATIONS	Field Jennifer, Glasgow Great Britain
158	GENERIC CHROMATOGRAPHIC METHODS IN THE RESEARCH AND DEVELOPMENT OF NEW DRUG SUBSTANCES	Regalado Erik, Rahway United States
202	ANALYSIS OF CHOLESTEROL AND RELATED STEROLS IN PLASMA WITH SUPERFICIALLY POROUS PARTICLE HPLC COLUMNS	FU Rongjie, Shanghai China
310	STRUCTURE DRIVEN PREDICTION OF RETENTION: APPLICATIONS IN PHARMACEUTICAL DEVELOPMENT	Brunelli Claudio, Sandwich Great Britain
230	NEW LC-MS TOOLS IN DIAGNOSING INHERITED METABOLIC DISEASES	Friedecký David, Olomouc Czech Republic
TUE 2.1 08.30 - 10.10 MULTIDIMENSIONAL CHROMATOGRAPHY - 1		
384	STRATEGIES FOR THE MULTI-DIMENSIONAL SEPARATIONS	Schoenmakers Peter, Amsterdam Netherlands
37	DESIGN ASPECTS OF A MICROFLUIDIC DEVICE FOR COMPREHENSIVE SPATIAL THREE-DIMENSIONAL LC	Eeltink Sebastiaan, Brussels Belgium
109	UNUSUAL SETUP IN COMPREHENSIVE TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY ALLOWING MANIPULATION WITH FRACTIONS	Cesla Petr, Pardubice Czech Republic
122	FLOW CONTROL AND CONFINEMENT CONSIDERATIONS FOR SPATIAL MULTI-DIMENSIONAL LIQUID-CHROMATOGRAPHY DEVICES	Adamopoulou Theodora, Amsterdam Netherlands

ID	Title	Presenting Author
445	MULTIPLE HEARTCUT 2DLC HR-MS: A FAST, GENERIC AND POWERFUL TOOL IN THE BIOPHARMA INDUSTRY	François Isabelle, Guyancourt France
105	DEVELOPING A PRACTICAL COMPUTER-ASSISTED TOOL FOR THE DEVELOPMENT AND OPTIMIZATION OF 2D-HPLC SEPARATIONS	Cela Rafael, Santiago de Compostela Spain
TUE 3.1	08.30 - 10.10	CHIRAL SEPARATIONS - 1
93	UNEXPECTED OBSERVATIONS OF STEREOSELECTIVE SEPARATIONS IN LC AS CONSEQUENCE OF STRUCTURAL AND OPERATIONAL VARIATIONS OF THE STATIONARY AND THE MOBILE PHASE CHARACTERISTICS	Lindner Wolfgang, Vienna Austria
142	RECENT DEVELOPMENTS IN LIQUID-PHASE ENANTIOSEPARATIONS WITH POLYSACCHARIDE-BASED CHIRAL COLUMNS	Chankvetadze Bezhana, Tbilisi Georgia
232	EFFECT OF CHIRAL SELECTOR LOADING ON THERMODYNAMIC AND KINETIC PROPERTIES OF POLYSACCHARIDE-BASED FULLY POROUS PARTICLES FOR ULTRAFAST CHIRAL LIQUID CHROMATOGRAPHY	Felletti Simona, Ferrara Italy
259	HALOGEN BONDS IN HPLC ENANTIOSEPARATIONS: SIGMA-HOLES AS RECOGNITION SITES	Peluso Paola, Sassari Italy
53	RETENTION AND ENANTIORECOGNITION OF THE GLY-ASP ENANTIOMERS ON A CHIRAL STATIONARY PHASE WITH BONDED ANTIBIOTIC EREMOMYCIN	Asnin Leonid, Perm Russian Federation
212	COMPARISON OF CHIRAL STATIONARY PHASES WITH 3,5-DIMETHYLPHENYLCARBAMATE DERIVATIVES OF CELLULOSE AND AMYLOSE AS SELECTOR IN DIFFERENT CHROMATOGRAPHIC MODES	Mangelings Debby, Brussels Belgium
TUE 4.1	08.30 - 10.10	ENVIRONMENTAL ANALYSIS
170	INCORPORATING ION MOBILITY SPECTROMETRY INTO ONE- AND TWO-DIMENSIONAL LC-MS WORKFLOWS FOR PHENOLIC ANALYSIS	de Villiers André, Stellenbosch South Africa
376	NON-TARGET FINGERPRINTING ANALYSIS OF BIO- AND MINERAL OILS - CURRENT WORKFLOWS AND FUTURE DEVELOPMENTS	Christensen Jan, Copenhagen Denmark
149	COMPREHENSIVE CHARACTERIZATION OF LIGNOCELLULOSIC BIOMASS PRODUCTS BASED ON A CHEMIOMETRIC OPTIMIZED LC-UV/HRMS METHOD	REYMOND Carole, Solaize France
263	SEPARATION AND QUANTIFICATION OF SMALL HIGHLY-POLAR AMINO ACID-LIKE COMPOUNDS BY HPLC-HRMS USING A MIXED CATIONIC-REVERSE PHASE COLUMN	Roverso Marco, Padova Italy
127	MONITORING AUSTRALIAN BIOMASS BURNING EMISSIONS: LEVOGLUCOSAN ANALYSIS IN AEROSOL FILTERS USING ION CHROMATOGRAPHY WITH ELECTROSPRAY CATIONIZATION - TRIPLE QUADRUPOLE TANDEM MASS SPECTROMETRY	Sanz Rodriguez Estrella, Hobart Australia
236	INVESTIGATION OF CHROMATOGRAPHIC CONDITIONS FOR NON-TARGET SCREENING OF PHYTOTOXINS FROM PLANT AND ENVIRONMENT	Liang Xiaomeng, Frederiksberg C Denmark
TUE 1.2	11.10 - 12.30	LC-MS BIOACTIVE MOLECULES - 2
81	SYSTEMATIC AND QUALITATIVE COMPARISON OF REVERSED-PHASE HPLC COLUMNS FOR PEPTIDE MAPPING ANALYSIS, ACCURATE AND COMPREHENSIVE MONOCLONAL ANTIBODY CHARACTERIZATION	OLIVIERO GIORGIO, Dublin Ireland
47	INNOVATIVE HPLC METHODS FOR THE COMPREHENSIVE ANALYSIS OF BIOACTIVE COMPOUNDS IN CANNABIS SATIVA L.	Pellati Federica, Modena Italy
258	IDENTIFICATION OF CARDIOLIPINS AND THEIR OXIDATION PRODUCTS BY MEANS OF TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY AND MASS SPECTROMETRY	Helmer Patrick, Münster Germany
281	IMPROVING PEAK FOCUSING AND SENSITIVITY IN COMPREHENSIVE TWO DIMENSIONAL HYDROPHILIC INTERACTION CHROMATOGRAPHY x REVERSED PHASE LIQUID CHROMATOGRAPHY BY ENHANCED TRAPPING MODULATION: A CASE STUDY ON MICROALGAE PEPTIDE MAPPING	Sommella Eduardo Maria, Fisciano (SA) Italy
240	DIAGNOSING OF ORGANIC ACIDURIAS AND BETA-OXIDATION DEFECTS BY LC-MS/MS	JÁČOVÁ JAROSLAVA, Olomouc Czech Republic
TUE 2.2	11.10 - 12.30	MULTIDIMENSIONAL CHROMATOGRAPHY - 2
118	COMPUTER-OPTIMIZED LCxLC-MS FOR THE CHARACTERIZATION OF 17TH-CENTURY OBJECTS	Pirok Bob, Amsterdam Netherlands
255	A GENERIC METHOD DEVELOPMENT STRATEGY FOR 2-D CHROMATOGRAPHY BASED ON PREDICTIVE ELUTION WINDOW STRETCHING	Coopmans Gitte, Brussel Belgium
307	DESIGN OF A GENERIC ACHIRAL-CHIRAL 2-DIMENSIONAL MULTIPLE HEART CUTTING PLATFORM FOR ENHANCED PHARMACEUTICAL IMPURITY ANALYSIS	Hegade Ravindra, Gent Belgium
193	MULTIPLE HEART-CUTTING TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY 2D-LC WITH SEC-UV-MALS-IV-RI IN 2D FOR COPOLYMER CHARACTERIZATION	Bashir Mubasher, Terneuzen Netherlands
360	INVESTIGATIONS OF SOLVENT EFFECTS DURING SECxRP AND NPxRP FOR THE CHARACTERIZATION OF TRIMETHYLSILOXYSILICATE COPOLYMERS (MQ RESIN) AND -OH FUNCTIONALIZED PROPOXYLATES	Groeneveld Gino, Amsterdam Netherlands
TUE 3.2	11.10 - 12.30	CHIRAL SEPARATIONS - 2
248	THREE-DIMENSIONAL HPLC ANALYSIS OF CHIRAL AMINO ACIDS, PEPTIDES AND CARBOXYLIC ACIDS IN HUMAN CLINICAL SAMPLES	Hamase Kenji, Fukuoka Japan
144	A SIMPLE RACEMIZATION METHOD FOR THE PREPARATION OF CHIRAL AMINO ACID METABOLOMICS STANDARDS	Horak Jeannie, Tuebingen Germany
157	APPLICATION OF 2D-LC-MS/MS FOR THE INVESTIGATION OF CHIRAL SHIFT IN THE METABOLISM OF PROPRANOLOL	Parr Maria Kristina, Berlin Germany
325	ULTRA-PERFORMANCE CHROMATOGRAPHIC METHODS: A POWERFUL TOOL FOR THE ENANTIOSEPARATION OF LIQUID CRYSTALS	Kubíčková Anna, Praha 2 Czech Republic
115	DEVELOPMENT OF AN MS-COMPATIBLE CHIRAL SCREENING STEP IN SFC	Declerck Sven, Brussels Belgium

ID	Title	Presenting Author
TUE 4.2 11.10 - 12.30 PHARMACEUTICALS AND BIOPHARMACEUTICALS - 1		
378	ADVANCES IN THE CHARACTERIZATION OF BIOPHARMACEUTICALS	Sandra Koen, Kortrijk Belgium
180	CHARACTERIZATION OF CYCLODEXTRIN DERIVATIVES AS ACTIVE PHARMACEUTICAL INGREDIENTS	Benkovics Gabor, Budapest Hungary
151	EFFECTS OF METAL CONTAMINATION CAUSED BY IRON-FREE HPLC SYSTEMS ON PEAK SHAPE AND RETENTION OF DRUGS WITH CHELATING PROPERTIES	De Pra Mauro, Germering Germany
8	TRANSLATING HPLC STRATEGIES TO DRUG DISCOVERY: CHROMATOGRAPHIC DESCRIPTORS TO MODEL MEMBRANE PERMEABILITY	Caron Giulia, Torino Italy
354	CAPTURE BREATH TEST FOR CLINICAL DIAGNOSTIC AND DRUG ANALYSIS	Giese Roger, Boston United States
TUE 1.3 14.00 - 15.45 BIOSAMPLE PREPARATION		
177	FROM IN VITRO CELL LINE TO IN VIVO BRAIN AND BRAIN CANCER STUDIES. SPME: ONE TECHNIQUE THAT FITS IT ALL	Bojko Barbara, Bydgoszcz Poland
116	ONE-STEP EXTRACTION/DERIVATIZATION SAMPLE PREPARATION METHOD COUPLING TO HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY FOR COMPLEX SAMPLE ANALYSIS	Li Gongke, Guangzhou China
375	CHROMATOGRAPHIC IMMOBILIZED ENZYME REACTORS BASED ON NUCLEOSIDE PHOSPHORYLASE (NP) AND NUCLEOSIDE 2'-DEOXYRIBOSYLTRANSFERASE (NDT) FOR THE PRODUCTION OF PHARMACEUTICALLY RELEVANT NUCLEOSIDE ANALOGUES	Rinaldi Francesca, Pavia Italy
102	DEVELOPMENT OF LABEL-FREE STEM CELL SEPARATION SYSTEM USING MIXED POLYMER BRUSH CONSISTING OF THERMO-RESPONSIVE AND CATIONIC POLYMERS	Wakayama Haruno, Yokohama Japan
429	FLOW FIELD FLOW FRACTIONATION COUPLED WITH LC-MS/MS FOR ANALYSIS OF COMPLEX BIOLOGICAL SAMPLES	Zhong Wenwan, Riverside United States
335	IN-TUBE SOLID-PHASE MICROEXTRACTION COATINGS BASED ON POLYMERIC IONIC LIQUIDS FOR THE EXTRACTION OF DNA	Pacheco-Fernández Idaira, San Cristóbal de La Laguna Spain
TUE 2.3 14.00 - 15.45 OMICS - 1		
203	INTACT PROTEIN SEPARATIONS USING HYDROPHOBIC INTERACTION, ENHANCED-FLUIDITY LIQUID CHROMATOGRAPHY- MASS SPECTROMETRY	Olesik Susan, Columbus United States
94	SEPARATION TECHNIQUES IN METABOLITE AND LIPID IDENTIFICATION	Witting Michael, Neuherberg Germany
261	THE EFFECT OF (R,R')-4'-METHOXY-1-NAPHTHYLFENOTEROL ON GROWTH AND VIABILITY OF IMMUNE-RESISTANT CT26 COLORECTAL CANCER TUMORS: A METABOLOMICS ANALYSIS	Wainer Irving W., Shelton United States
201	DEVELOPMENT OF A HIGH COVERAGE PSEUDOTARGETED LIPIDOMICS METHOD BASED ON ULTRA-HIGH PERFORMANCE LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY	Xuan Qihui, Dalian China
163	DETERMINATION OF THE CONJUGATION LEVEL OF CATECHOL ESTROGENS WITH BLOOD PROTEINS BY INTACT PROTEIN MEASUREMENT AND BOTTOM-UP METHOD USING PARALLEL REACTION MONITORING: BIOLOGICAL DOSIMETRY OF ACTIVE ELECTROPHILES	Chen Shu-Hui, Taiwan Taiwan (Republic of China)
356	MERGING WORKFLOWS IN METABOLOMICS - STRATEGIES FOR INCREASING THROUGHPUT, SELECTIVITY AND COVERAGE	Koellensperger Gunda, Vienna Austria
TUE 3.3 14.00 - 15.45 FUNDAMENTALS - 4, RETENTION & SELECTIVITY		
121	DO WE VAN 'T HOFF OR DON'T WE WAN(')T (HOFF)?	Sepsey Annamária, Pécs Hungary
96	KINETIC AND THERMODYNAMIC INSIGHTS INTO NOVEL ZWITTERIONIC MACROCYCLIC GLYCOPEPTIDE CHIRAL STATIONARY PHASES FOR HIGH-EFFICIENCY, ULTRAFAST ENANTIOSEPARATIONS UNDER DIFFERENT ELUTION CONDITIONS	Catani Martina, Ferrara Italy
19	A WAY TO APPROACH INFINITE SELECTIVITY FOR PROTEIN SEPARATIONS ON SERIALY COUPLED COLUMNS	Fekete Szabolcs, Geneva Switzerland
304	SELECTIVITY ISSUES IN SEPARATING PROTEOFORM FAMILIES	Regnier Fred, West Lafayette United States
270	DYNAMIC ELECTROSTATIC REPULSION REVERSED PHASE (D-ERRP) LIQUID CHROMATOGRAPHY FOR TAMING SURFACE SILANOL ACTIVITY AND BOOSTING SEPARATION OF BASIC PEPTIDES	Mazzocanti Giulia, Rome Italy
344	EFFECTS OF INSTRUMENT NON-IDEALITY DURING METHOD-TRANSFER OF SOLVENT-GRADIENT CHROMATOGRAPHY	Tarafder Abhijit, Milford United States
TUE 4.3 14.00 - 15.45 CAPILLARY ELECTROPHORESIS - 1		
416	CAPILLARY ELECTROPHORESIS MASS SPECTROMETRY FOR MICROANALYSIS OF PROTEINS AND METABOLITES IN EMBRYONIC CELLS (FROG) AND NEURONS (MOUSE)	Nemes Peter, College Park United States
326	ENZYMATIC ASSAYS MINIATURIZED BY CAPILLARY ELECTROPHORESIS: APPLICATION FOR THE SELECTION OF THERAPEUTIC AGENTS AND COSMETIC EXTRACTS	NEHME Reine, Orleans France
61	AN APTAMER ASSAY FOR AFLATOXIN B1 DETECTION USING FREE ZONE CAPILLARY ELECTROPHORESIS COUPLED WITH LASER INDUCED FLUORESCENCE	Zhao Qiang, Beijing China
104	CAPILLARY ELECTROPHORESIS APPLIED FOR ENANTIOSEPARATION OF DIQUATS AND DETERMINATION OF STABILITY CONSTANTS OF THEIR COMPLEXES WITH HIGHLY SULFATED CYCLODEXTRINS	Kasicka Vaclav, Prague 6 Czech Republic
316	IDEAL-FILTER CAPILLARY ELECTROPHORESIS (IFCE) AS A NOVEL EFFICIENT METHOD FOR SELECTION OF AFFINITY LIGANDS FROM OLIGONUCLEOTIDE LIBRARIES	Krylova Svetlana, Toronto Canada

ID	Title	Presenting Author
84	CAPILLARY ELECTROPHORESIS-MASS SPECTROMETRY FOR METABOLIC PROFILING OF LOW NUMBERS OF MAMMALIAN CELLS	Ramautar Rawi, Leiden Netherlands
TUE 1.4	16.35 - 18.00	PROTEOMICS - 2
196	IN-DEPTH PROTEOME PROFILING OF SINGLE MAMMALIAN CELLS USING MICROFLUIDIC SAMPLE PREPARATION AND ULTRASENSITIVE LC-MS	Kelly Ryan, Mapleton United States
32	SEPARATION AND ENRICHMENT OF PEPTIDES AND AMINO ACIDS: A PIECE IN THE PUZZLE OF THE BIOACTIVITY OF PROTEIN DERIVATIVES	Capriotti Anna Laura, Roma Italy
169	SEPARATION ORTHOGONALITY IN 2D LC-MS PROTEOMIC APPLICATIONS: COMPARISON USING 30,000+ PEPTIDE DATASETS FOR 14 DIFFERENT (SAX/SCX/HILIC/RP) - RP COMBINATIONS	Krokhin Oleg, Winnipeg Canada
247	NLC-MS/MS BASED LABEL FREE QUANTITATIVE PROTEOMICS TO STUDY THE EFFECTS OF BIOACTIVE COMPOUNDS	D'Amato Alfonsina, milano Italy
299	NOVEL FLUOROALCOHOL-INDUCED AQUEOUS TWO-PHASE SYSTEMS FOR MICROEXTRACTION, FRACTIONATION, AND ENRICHMENT OF COMPLEX SAMPLES: APPLICATIONS IN PROTEOMICS, AND LIPIDOMICS	Khaledi Morteza, Arlington United States
TUE 2.4	16.35 - 18.00	GLYCOMICS & PROTEIN INTERACTIONS
319	COMBINING LIQUID CHROMATOGRAPHY AND ION MOBILITY-MASS SPECTROMETRY FOR THE ANALYSIS OF GLYCANS	Page Kevin, Berlin Germany
342	PROTEIN SEGMENT-BASED AFFINITY PURIFICATION COMBINED WITH QUANTITATIVE PROTEOMICS FOR IDENTIFICATION OF PROTEIN-PROTEIN INTERACTIONS	Kang Jingwu, Shanghai China
328	LC OR CE? MAYBE BOTH! TOWARDS COMPREHENSIVE CHARACTERIZATION OF N-GLYCOSYLATION MODIFICATIONS OF PROTEIN BIOPHARMACEUTICALS	Guttman Andras, Debrecen Hungary
114	CREATION, IMPLEMENTATION AND TRANSFERABILITY OF A GLUCOSE UNIT (GU) LIBRARY FOR HILIC-FLD ANALYSIS OF APTS-LABELLED RELEASED N-GLYCANS	Widdowson Phil, Runcorn Great Britain
126	CHROMATOGRAPHY HYPHENATED HYDROGEN-DEUTERIUM EXCHANGE MASS SPECTROMETRY (HDX-MS) SCREENING APPROACHES FOR STUDYING GLOBAL CONFORMATIONAL STRUCTURES OF PEPTIDES AND PROTEINS IN SOLUTION	Makarov Alexey, Rahway United States
TUE 3.4	16.35 - 18.00	DATA ANALYSIS - 1
347	METHODS FOR DATA ANALYSIS IN HPLC: A BIG DATA ERA	Vivo Truyols Gabriel, Ciutadella de Menorca Spain
218	HOW ANALYTICAL CHEMISTS CAN NOW LEARN MORE FROM THEIR DATA AND SEE INSIDE THE BLACK BOX OF MACHINE LEARNING	Kay Philip, Marlow Great Britain
303	TWO-DIMENSIONAL CORRELATION AND ALTERATION ANALYSIS IN CHROMATOGRAPHY FOR IDENTIFYING THE CHANGES IN HIGH-DIMENSIONAL DATA	Simon József, Veszprém Hungary
135	ADVANCES AND CHALLENGES IN IN-SILICO SUSPECT SCREENING USING MACHINE LEARNING AND HIGH-RESOLUTION CHEMICAL ANALYSIS	Barron Leon, London Great Britain
288	INTEGRATING AND AUTOMATING THE USE OF PDA AND MS DATA IN LC AND LC/MS METHOD DEVELOPMENT	Turpin Joseph, Eureka United States
TUE 4.4	16.35 - 18.00	SFC-MS
79	CARBON DIOXIDE-BASED EXTRACTION AND SEPARATION TECHNIQUES FOR THE ANALYSIS OF CAROTENOIDS AND THEIR DERIVATIVES (HORVATH FINALIST)	Zoccali Mariosimone, Messina Italy
291	ONLINE SUPERCRITICAL FLUID EXTRACTION - SUPERCRITICAL FLUID CHROMATOGRAPHY - MASS SPECTROMETRY FOR THE ANALYSIS OF LIPIDS IN HUMAN PLASMA	Akbal Laura, Geneva 4 Switzerland
148	ADVANTAGES OF SFC-MS OVER LC-MS FOR THE ANALYSIS OF PYRROLIZIDINE ALKALOIDS IN PLANT MATERIAL	Schad Gesa, Duisburg Germany
82	QUANTITATIVE LIPIDOMIC ANALYSIS OF BIOLOGICAL SAMPLES: OPTIMIZATION AND APPLICATION FOR THE ANALYSIS OF CLINICAL SAMPLES USING UHPSFC/MS	Wolrab Denise, Pardubice Czech Republic
97	SFC-MS AND METABOLOMICS: A POSSIBLE MARRIAGE?	Veuthey Jean-Luc, Geneva Switzerland
WEDNESDAY, JUNE 19		
WED 1.1	08.30 - 10.20	FORENSIC, DOPING AND TOXICOLOGY
58	THE USE OF PORTABLE CAPILLARY LC FOR FORENSIC AND PHARMACEUTICAL APPLICATIONS	Grinias James, Glassboro, NJ United States
205	AN HPLC AND MASS SPECTROMETRY VOYAGE THROUGH TROPICAL WONDERLAND	Stashenko Elena, Bucaramanga Colombia
312	HIGH GAIN IN SENSITIVITY AND SPECIFICITY IN THE HPLC DETERMINATION OF CARBOHYDRATE DEFICIENT TRANSFERRIN (CDT) BY USING FLUORESCENCE RESONANCE ENERGY TRANSFER (FRET) TECHNOLOGY	Musile Giacomo, Verona Italy
36	INCREASING THE EFFICIENCY OF ATHLETE BIOLOGICAL PASSPORT BY IDENTIFICATION OF STEROIDOMIC SERUM MARKERS FOR TESTOSTERONE MISUSE	Ponzetto Federico, Epalinges Switzerland
175	GOOD GOLLY, MISS 'MOLLY'!	Hecht Max, London Great Britain
107	IN VITRO METABOLIC STUDIES OF SR9009 AND SR9011 IN HORSES	Leung Ming Kit, Hong Kong China

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318	SIMULTANEOUS CHIRAL ANALYSIS OF METHAMPHETAMINE AND RELATED PRECURSORS AND SCREENING OF METHAMPHETAMINE RELATED ORGANIC IMPURITIES IN SEIZED DRUGS BY A SMALL FOOTPRINT UHPLC-PDA/MS SYSTEM	li li, Dulles United States
WED 2.1 08.30 - 10.20 PHARMACEUTICALS AND BIOPHARMACEUTICALS - 2		
217	IMPURITY PROFILING IN CONVENTIONAL PHARMACEUTICALS AND BIOPHARMACEUTICALS: HPLC-MS METHODOLOGY AT THE LIMITS?	Huber Christian G., Salzburg Austria
119	SYNTHESIS AND CHARACTERIZATION BY UHPLC-MS/MS OF DNA ADDUCTS FROM 4 OXY-PAHS FOR THE EVALUATION OF THEIR GENOTOXICITY	Clergé Adeline, Caen France
308	INVESTIGATION OF A DTT ASSISTED ACETONITRILE ADDITION TO A PEPTIDE'S N-TERMINAL GLYCINE	Zhao Eileen, South San Francisco United States
34	ASSESSING ANTISENSE OLIGONUCLEOTIDES CONCENTRATION IN LIVING CELLS WITH THE USE OF ION PAIR CHROMATOGRAPHY COUPLED WITH MASS SPECTROMETRY	Studzińska Sylwia, Toruń Poland
60	EXPANDING APPLICATIONS OF CHROMATOGRAPHIC TECHNIQUES COUPLED TO NATIVE MASS SPECTROMETRY FOR ROUTINE ANALYSIS OF LARGE AND COMPLEX BIOPHARMACEUTICAL MOLECULES	Kristensen Dan Bach, Ballerup Denmark
334	MONITORING BIOPHARMACEUTICAL PRODUCTION USING LIQUID CHROMATOGRAPHY COUPLED TO NATIVE ORBITRAP MASS SPECTROMETRY	Bones Jonathan, Dublin Ireland
179	SUPERIOR CHARACTERIZATION OF PROTEIN THERAPEUTICS BY ELECTROCHEMICAL REDUCTION OF DISULFIDE BONDS	Chervet Jean-Pierre, Zoeterwoude Netherlands
WED 3.1 08.30 - 10.20 HILIC		
265	OPTIMIZATION OF ON-LINE COMPREHENSIVE HILIC X RPLC FOR THE SEPARATION OF COMPLEX PEPTIDE SAMPLES	chapel soraya, Lyon France
55	UNDERSTANDING AND MANAGING THE EQUILIBRATION TIME IN HYDROPHILIC INTERACTION CHROMATOGRAPHY	McCalley David, Bristol Great Britain
137	CHARACTERIZATION OF HILIC RETENTION BY THE SOLVATION PARAMETER MODEL. COMPARISON TO REVERSED AND NORMAL PHASE RETENTION	Roses Marti, Barcelona Spain
267	CARBON DOTS MODIFIED SILICA STATIONARY PHASES FOR HYDROPHILIC INTERACTION CHROMATOGRAPHY	Qiu Hongdeng, Lanzhou China
239	RETAINING AND SEPARATING POLAR MOLECULES - A DETAILED INVESTIGATION OF WHEN TO USE HILIC VERSUS A POLAR REVERSED-PHASE LC COLUMN	Mack Anne, Wilmington United States
256	MUSHROOM- OR BRUSH-TYPE POLYACRYLAMIDE ON SILICA: RELATIONSHIP BETWEEN POLYMER SHAPES AND SEPARATION CHARACTERISTICS OF HILIC STATIONARY PHASES	IKEGAMI Tohru, Kyoto Japan
330	A HYBRID HILIC COLUMN FOR THE SEPARATION OF POLAR COMPOUNDS	Kahler Ty, Bellefonte United States
WED 4.1 08.30 - 10.20 INSTRUMENTATION & QUANTITATION		
284	PRACTICAL PROBLEM SOLVING IN INDUSTRIAL RESEARCH USING SEPARATION SCIENCE	Welch Chris, Cranbury United States
143	MULTIPLE-WAVELENGTH LED-BASED PHOTOMETRIC DETECTION IN PORTABLE CAPILLARY LC	Macka Mirek, Hobart Australia
5	ZERO-POWER PUMP FOR PORTABLE HIGH- PERFORMANCE LIQUID CHROMATOGRAPHY	Salehi-Reyhani Ali, London Great Britain
289	USE OF BIO-INERT CVD COATINGS IN HPLC COMPONENTS TO ACHIEVE THE INERTNESS OF PEEK AND THE ROBUSTNESS OF STAINLESS STEEL	Bischof Jesse, Bellefonte United States
73	ON-LINE DETECTION : INSIDE OR OUTSIDE THE SEPARATOR ? IMPACT ON QUANTITATIVE ANALYSIS	Martin Michel, Paris France
383	FLAME IONIZATION DETECTION FOR (U)HPLC WITH GRADIENTS: A REALITY?	Jones Andrew, Eden Prairie United States
346	GLYCAN/PROTEIN STABLE ISOTOPE LABELING IN CELL CULTURES (GLYPROSILC) ENABLING RELIABLE QUANTITATION OF GLYCAN AND GLYCOPEPTIDE ISOMERS	Mechref Yehia, Lubbock United States
WED 1.2 11.20 - 12.40 LIPIDOMICS		
198	HIGH-THROUGHPUT LIPIDOMIC PROFILING OF HUMAN BLOOD: POTENTIAL FOR EARLY SCREENING OF MULTIPLE CANCER TYPES	Holčapek Michal, Pardubice Czech Republic
86	APPLICATIONS OF PARTIAL METABOLIC DEUTERIUM OXIDE LABELING TO LIPIDOMICS	Kim Tae-Young, Gwangju Korea, Republic of (South Korea)
123	DELVING INTO THE POLAR LIPIDOME OF MICROALGAE BY OPTIMIZED CHROMATOGRAPHIC SEPARATION, HIGH-RESOLUTION MASS SPECTROMETRY, AND COMPREHENSIVE IDENTIFICATION WITH LIPOSTAR	Piovesana Susy, Rome Italy
103	LIPIDOMIC ANALYSIS OF PLASMA IN PATIENTS WITH HEPATOCELLULAR CARCINOMA BY 2D LC-MS/MS	Liu Huawei, Beijing China
339	SYNTHESIS AND EVALUATION OF MOLECULARLY DESIGNED MATERIALS AS SELECTIVE CAPTURE PHASE FOR IMPROVEMENT OF PHOSPHO-MONOESTER LIPIDS DETECTION	Grasso Giuliana, Fisciano (SA) Italy
WED 2.2 11.20 - 12.40 3D PRINTING		
379	EXPERIMENTAL AND MODELLING DESIGN OF 3D PRINTED STATIONARY PHASES	Dimartino Simone, Edinburgh Great Britain
176	MULTIDIMENSIONAL SEPARATION IN 3D-PRINTED DEVICES BY FUSED DEPOSITION MODELING	Abdulhussain Noor, Bussum Netherlands

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293	3D PRINTING AS FLEXIBLE TOOL TO CUSTOMIZE LIQUID INTRODUCTION WITH ELECTROSPRAY MASS SPECTROMETRY	Sosnowski Piotr, Geneve Switzerland
215	USING 3D-PRINTING FOR MULTI-DIMENSIONAL SPATIAL SEPARATIONS	Nawada Suhas, Amsterdam Netherlands
WED 3.2	11.20 - 12.40	SFC-1
129	UNIFIED CHROMATOGRAPHY FROM THE STATIONARY OR THE MOBILE PHASE PERSPECTIVE - BREAKING INVISIBLE BARRIERS	West Caroline, Orléans France
266	DEVELOPING A QUANTITATIVE METHOD FOR THE ANALYSIS OF CAROTENOIDS USING SFC-MS/MS: A COMPARISON BETWEEN ESI AND APCI IONISATION	Molins-Delgado Daniel, Lund Sweden
125	SFC-ESI-MS METHODS TO ANALYSE POLAR COMPOUNDS IN TRADITIONAL PHYTOTHERAPY	Raimbault Adrien, Orleans France
253	ANALYSIS OF LIAMOCIN BIOSURFACTANTS BY HYPHENATION OF SFC AND LC WITH MASS SPECTROMETRY	Scholz Karen, Münster Germany
182	HIGH THROUGHPUT, ULTRA-FAST, TURBULENT SFC IN OPEN TUBULAR COLUMNS	Galietti Mike, Boston United States
WED 4.2	11.20 - 12.40	FOOD ANALYSIS - 2
324	COMPLEMENTARY ANALYTICAL TECHNIQUES FOR COMPREHENSIVE CHARACTERIZATION OF EXTRA VIRGIN OLIVE OILS	Dugo Paola, Messina Italy
235	INVESTIGATION OF VITAMIN B12 AND PSEUDOVITAMIN B12 IN ALGAE BASED NUTRITIONAL SUPPLEMENTS BY UHPLC-PDA-MS	Schmidt Anatol, Vienna Austria
245	DETERMINATION OF MINERAL OIL SATURATED AND AROMATIC HYDROCARBONS IN CONSUMER PRODUCTS BY SUPERCRITICAL FLUID CHROMATOGRAPHY - FLAME IONIZATION DETECTOR	Garcia Cicourel Alan Rodrigo, Amsterdam Netherlands
70	EXTRACTION OF BISPHENOLS FROM FOOD SAMPLES USING MIP	Kubiak Anna, Warsaw Poland
224	INTEGRATED PROCESS FOR EXTRACTION AND VALORIZATION OF BIOACTIVE AND HIGH ADDED-VALUE MOLECULES FROM AGRI-FOOD WASTES	Marchetti Nicola, Ferrara Italy
WED 1.3	14.00 - 15.45	OMICS-2
204	MULTIDIMENSIONAL LIQUID AND GAS PHASE SEPARATION TO ILLUMINATE HUMAN PROTEOMES	Ishihama Yasushi, Kyoto Japan
363	NOVEL HPLC STRATEGIES IN TOP-DOWN PROTEOMICS	Ge Ying, Madison United States
305	HIGH RESOLUTION SELECTED REACTION MONITORING BASED QUANTIFICATION OF PHOSPHOLIPIDS USING SWATH® ACQUISITION AND TARGETED DATA PROCESSING	Raetz Michel, Geneva Switzerland
178	A NETWORK ANALYSIS METHOD OF MODULE BIOMARKER IDENTIFICATION FOR LC-MS METABOLOMICS DATA	Lin Xiaohui, Dalian China
278	TOXIC EFFECTS OF INHALATION EXPOSURE TO POLYCYCLIC AROMATIC HYDROCARBONS ON LIPID METABOLISM OF MICE	Li Fang, Shenzhen China
29	TOWARD MERGING TARGETED AND UNTARGETED ANALYSIS OF THE LIPIDOME, METABOLOME, AND EXPOSOME	Cajka Tomas, Prague Czech Republic
WED 2.3	14.00 - 15.45	PHARMACEUTICALS AND BIOPHARMACEUTICALS - 3
181	EXTENDED LIQUID CHROMATOGRAPHIC - MASS SPECTROMETRY WORKFLOW BASED ON SWATH/MS AND DIFFERENTIAL ION MOBILITY FOR THE ANALYSIS IN BIOLOGICAL FLUIDS OF DRUGS OF ABUSE AND PHARMACEUTICALS	Hopfgartner Gérard, Geneva Switzerland
27	ELECTRON IONIZATION LC-MS WITH SUPERSONIC MOLECULAR BEAMS AND ITS APPLICATION FOR DRUG IMPURITIES ANALYSIS	Amirav Aviv, Tel Aviv Israel
237	ULTRA-FAST LC-MS/MS DRUGS QUANTITATION IN BIOLOGICAL FLUIDS	Vecchiotti Davide, Kyoto Japan
98	PHARMACEUTICAL APPLICATIONS OF ION CHROMATOGRAPHY-MASS SPECTROMETRY (IC-MS)	Jackson Bethany, Macclesfield Great Britain
306	INVESTIGATION OF SMALL MOLECULE SUBSTANCES IN HOUSEHOLD WASTE FRACTIONS PROCESSED BY ANAEROBIC DIGESTION: THE COMBINED USE OF TARGET ANALYSIS, SUSPECT SCREENING AND NON-TARGET ANALYSIS	Nielsen Nikoline Juul, Frederiksberg C Denmark
145	CHIP-HPLC COUPLED TO ION MOBILITY SPECTROMETRY ENABLES 2D SEPARATIONS IN SECONDS	Piendl Sebastian, Leipzig Germany
WED 3.3	14.00 - 15.45	FUNDAMENTALS-5, TEMPERATURE RESPONSIVE LC
392	RECENT ADVANCES IN COMPREHENSIVE TEMPERATURE RESPONSIVE LIQUID CHROMATOGRAPHY	Lynen Frederic, Ghent Belgium
244	DEVELOPMENTS TOWARDS NEW AND IMPROVED TEMPERATURE RESPONSIVE LIQUID CHROMATOGRAPHY	Baert Mathijs, Ghent Belgium
132	THERMAL BEHAVIOR OF CHROMATOGRAPHY COLUMNS DUE TO VISCOUS HEATING, IMPACT ON COLUMN PERFORMANCE AND POSSIBLE SOLUTIONS	Deridder Sander, Brussels Belgium
108	FACILE AND EFFECTIVE SEPARATION OF PROTEINS AND CELLS UTILIZING TEMPERATURE-RESPONSIVE CHROMATOGRAPHY	Kanazawa Hideko, Tokyo Japan
WED 4.3	14.00 - 15.45	MULTIDIMENSIONAL CHROMATOGRAPHY - 3
386	MULTIDIMENSIONAL SEPARATION: A GAME CHANGER IN PHARMACEUTICAL ANALYSIS	Zhang Kelly, South San Francisco United States

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43	2D-LC-IM-QTOF-MS AS A GENERIC ANALYTICAL METHOD FOR THE ANALYSIS OF COMPLEX SAMPLES	Schmitz Oliver, Essen Germany
321	TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY WITH ACTIVE SOLVENT MODULATION FOR STUDYING MONOMER INCORPORATION IN COPOLYMER DISPERSANTS	Yang Peilin, Colledgeville United States
337	BE DEVELOPMENT AND VALIDATION OF A BIOMIMETIC PLATFORM BASED ON COMPREHENSIVE TWO-DIMENSIONAL LC ORIENTED AT ROBUST AND ACCURATE ASSESSMENT OF THE INTESTINAL ABSORPTION OF PHARMACEUTICALLY RELEVANT COMPOUNDS	Russo Giacomo, Ghent Belgium
52	DEVELOPMENT OF TWO-DIMENSIONAL HIGH-PERFORMANCE LIQUID-CHROMATOGRAPHY FOR THE SEPARATION AND CHARACTERISATION OF THERAPEUTIC OLIGONUCLEOTIDES AND ASSOCIATED MANUFACTURING IMPURITIES	Vanhinsbergh Christina, Sheffield Great Britain
405	COMPARISON OF STRATEGIES FOR SEPARATION OF GLYCANS BY TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY	Stoll Dwight, Saint Peter United States
WED 1.4	16.35 - 18.00	OMICS-3
75	USE OF CAPILLARY LC AT 35000 PSI FOR LIPID SEPARATIONS	Kennedy Robert, Ann Arbor United States
59	ENHANCEMENT IN THE ANALYSIS OF POLYGLYCEROPHOSPHOLIPIDS BY NUPLC-ESI-MS/MS USING ISOTOPE LABELLED METHYLATION	Moon Myeong Hee, Seoul Korea, Republic of (South Korea)
216	METABOLOMICS APPROACH FOR IDENTIFICATION OF SALIVA BIOMARKERS OF BREAST CANCERS	COMBES AUDREY, Paris France
225	AIRBORNE ONCOMETABOLITE TRACKING USING ISOTOPE LABELING GC-MS AND NANO-SIMS	Kwon Sung Won, Seoul Korea, Republic of (South Korea)
221	WHAT SHERLOCK SORELY MISSED: THE EVA TECHNOLOGY FOR CULTURAL HERITAGE EXPLORATION	Righetti Piergiorgio, Milano Italy
WED 2.4	16.35 - 18.00	MINIATURIZATION & LC-MS INTERFACE
68	CHALLENGES AND EMERGING APPLICATIONS OF LIQUID-EI LC-MS INTERFACE	Cappiello Achille, Urbino Italy
51	RECENT DEVELOPMENTS OF ATMOSPHERIC PRESSURE PHOTOIONIZATION IN LC-MS	Kostiainen Risto, Helsinki Finland
80	A CHIP-BASED CONCEPT FOR THE SEAMLESS MERGING OF HPLC AND DROPLET MICROFLUIDICS COUPLED TO ON-LINE MS DETECTION	Peretzki Andrea J., Leipzig Germany
153	TWO-DIMENSIONAL MICRO LIQUID CHROMATOGRAPHY HYPHENATED TO HIGH-RESOLUTION MASS SPECTROMETRY FOR THE ANALYSIS OF PEPTIDES	Roca Liana, Amsterdam Netherlands
279	INVESTIGATING THE IMPACT OF ELECTROSPRAY ADDUCTS IN LIQUID CHROMATOGRAPHY - MASS SPECTROMETRY AND CURRENT SOFTWARE SOLUTIONS FOR SWATH METABOLOMICS	Stricker Thomas, Geneva Switzerland
WED 3.4	16.35 - 18.00	QUALITY CONTROL - 1
18	A UNIVERSAL GENERIC (U)HPLC GRADIENT METHOD FOR QUALITY ASSESSMENTS OF MULTIPLE SMALL MOLECULE DRUGS	DONG MICHAEL, NORWALK United States
276	DOES CURRENT SUPERCRITICAL FLUID CHROMATOGRAPHY MEET THE REQUIREMENTS OF REGULATED ENVIRONMENT?	Nováková Lucie, Hradec Králové Czech Republic
156	IMPLEMENTATION OF A MULTI-DIMENSIONAL LC PLATFORM FOR FASTER ANALYSIS OF CRITICAL QUALITY ATTRIBUTES IN BIOTHERAPEUTIC PRODUCT DEVELOPMENT	Stella Cinzia, South San Francisco United States
160	COMPREHENSIVE CHARACTERIZATION OF POLYSORBATE 20 AND PEGGRADATION PRODUCTS: UPLC-CAD-MS VS. LCxLC -ION MOBILITY MS	Lin Jessica, SOUTH SAN FRANCISCO United States
280	HPLC THE FOUNDATION OF THE PHARMACEUTICAL TESTING LABORATORY. HOW CAN TRANSMISSION RAMAN HELP LIGHTEN THE LOAD?	Dowden Lee, Abingdon Great Britain
WED 4.4	16.35 - 18.00	PHARMACEUTICALS AND BIOPHARMACEUTICALS - 4
374	LIQUID CHROMATOGRAPHY AND MASS SPECTROMETRY - A PERFECT MARRIAGE WITH CHALLENGE	Wang Perry, Burtonsville United States
20	MAKING NON-TARGETED LC/HRMS SCREENING QUANTITATIVE	Kruve Anneli, Tartu Estonia
166	RAPID SCREENING OF BIOACTIVE NATURAL MOLECULES USING MOLECULAR NETWORKS AND BIOGUIDED CPC FRACTIONATION	MESSAILI Souhila, Orléans France
136	OPTIMIZATION AND STUDY OF THE RETENTION MECHANISMS OF TETRACYCLINES ANTIBIOTICS ON RP18 U-HPLC COLUMNS BY DOE AND ARTIFICIAL NEURAL NETWORKS	GARRIGUES Jean-Christophe, Toulouse France
THURSDAY, JUNE 20		
THU 1.1	08.30 - 10.05	CAPILLARY ELECTROPHORESIS - 2
85	CAPILLARY ELECTROPHORESIS OF IONS AND NON-IONS	CHEN Yi, Beijing China
152	CE(SDS)-CZE-MS FOR THE ANALYSIS OF PROTEINS INCLUDING MONOCLONAL ANTIBODIES	Römer Jennifer, Aalen Germany
298	INFLUENCE OF SECONDARY EQUILIBRIUM IN SOLUTION ON SELECTIVITY AND RESOLUTION OF PLANT BIOACTIVE COMPOUNDS IN CAPILLARY ELECTROPHORESIS AND HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	Corradini Danilo, - Monterotondo Stazione (Roma) Italy
250	APPLICATION OF CAPILLARY ELECTROPHORESIS TO PREDICTION OF THE FATE OF NANOPARTICLES IN COMPLEX ENVIRONMENTAL SYSTEMS	Hilder Emily, Adelaide Australia

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139	UNEXPECTED BEHAVIOR OF DACLATASVIR IN CAPILLARY ELECTROPHORESIS	Scriba Gerhard, Jena Germany
11	CHIRAL LIGAND EXCHANGE CAPILLARY ELECTROPHORESIS FOR SCREENING OF ENZYME INHIBITORS	QI LI, Beijing China
THU 2.1	08.30 - 10.05	PREPARATIVE CHROMATOGRAPHY - 1
54	PROTEIN CONFORMATIONAL CHANGES DURING ANALYTICAL AND PREPARATIVE ION EXCHANGE CHROMATOGRAPHY	Carta Giorgio, Charlottesville United States
348	PURIFICATION OF PHOSPHOROTHIOATED ANTISENSE OLIGONUCLEOTIDES	Enmark Martin, Karlstad Sweden
71	VARIATION OF THE LIGAND DENSITY FOR TENTACULAR STRONG CATION EXCHANGE RESINS. IMPACT ON SELECTIVITY AND CAPACITY	Schulte Michael, Darmstadt Germany
113	SWEET, SWEETER, STEVIA - THE HOLE STORY FROM ANALYTICAL METHOD DEVELOPMENT TO A ROBUST AND EFFECTIVE ONLINE SPE PURIFICATION OF STEVIOLGLYCOSIDES WITH PREPARATIVE HPLC	Monks Kate, Berlin Germany
72	SUCCESSFUL PREPARATIVE SEPARATION OF ENANTIOMERS BY CHROMATOGRAPHY	FRANCO PILAR, ILLKIRCH France
242	SYSTEMATIC CHIRAL METHOD DEVELOPMENT APPROACH FOR EARLY PHASE PRODUCT DEVELOPMENT	Joshi Nilesh, Bangalore India
THU 3.1	08.30 - 10.05	HPTLC - 1
90	MINIATURIZED PLANAR CHROMATOGRAPHY AS CITIZEN SCIENCE	Morlock Gertrud, Gießen Germany
423	IDENTIFICATION OF ACTIVE MOLECULES IN ANNONA CHERIMOLA MILL. BY HPTLC-ENZYME ASSAY-MASS SPECTROMETRY	Aranda Mario, Concepcion Chile
424	PLANAR SOLID PHASE EXTRACTION - A NEW SCREENING CONCEPT FOR THE ANALYSIS OF RESIDUES AND CONTAMINANTS IN FOOD	Oellig Claudia, Stuttgart Germany
425	CHALLENGES IN HPTLC AND HPTLC-MS/MS ANALYSES OF PLANT MATERIALS AND FOOD SUPPLEMENTS	Vovk Irena, Ljubljana Slovenia
426	HPTLC-EDA-UV/VIS/FLD-HESI-HRMS FOR TRACKING OF BIOACTIVE METABOLITES IN PRIMULA BOVEANA	Mahran Ehab, Marburg Germany
427	DISCOVERY OF NATURAL COMPOUNDS WITH POTENTIAL BIOACTIVITY USING HPTLC HYPHENATIONS	Móricz Ágnes, Budapest Hungary
THU 4.1	08.30 - 10.05	SFC - 2 & DATA ANALYSIS - 2
357	MODERN SUPERCRITICAL FLUID CHROMATOGRAPHY - IMPACT OF MOBILE PHASE COMPOSITION	Fornstedt Torgny, Karlstad Sweden
167	CHIRAL SEPARATION OF SYNTHETIC CATHINONES IN GRADIENT SUPERCRITICAL FLUID CHROMATOGRAPHY COUPLED TO MASS SPECTROMETRY	Kohout Michal, Prague Czech Republic
353	POLYETHYLENE GLYCOL (PEG) CHARACTERISATION BY SUPERCRITICAL FLUID CHROMATOGRAPHY (SFC)	Baldaccini Alice, Macclesfield Great Britain
220	INTELLIGENT PEAK DECONVOLUTION ANALYSIS FOR PHOTODIODE ARRAY DETECTOR	Watabe Yoshiyuki, Kyoto Japan
155	REVERSED CONVOLUTION: AN ALTERNATIVE APPROACH FOR IN SILICO ENHANCEMENT OF CHROMATOGRAPHIC RESOLUTION	Horváth Krisztián, Veszprém Hungary
233	UNDERSTATING VARIABILITY AND UNCERTAINTY IN RETENTION TIME PREDICTIONS	Wiczling Pawel, Gdansk Poland
THU 1.2	11.10 - 12.55	QUALITY CONTROL - 2
57	GENERIC METHODS FOR HPLC - FICTION OR REALITY?	Lamotte Stefan, Ludwigshafen Germany
296	DEVELOPING ROBUST, REVERSED-PHASE HPLC METHODS WITH COLUMN SCREENING, CHROMATOGRAPHIC MODELING AND RISK ASSESSMENT TOOLS	He Brian, New Brunswick United States
17	CONSIDERATION FOR METHOD DEVELOPMENT DURING LATE STAGE PRODUCT DEVELOPMENT AND COMMERCIALIZATION FOR QC TESTING OF BIOLOGICS	malek amir, SOUTH SAN FRANCISCO United States
141	AN END-TO-END WORKFLOW FOR AN AUTOMATED PEPTIDE MAPPING IDENTIFICATION METHOD AIMED AT ROUTINE QA/QC LABORATORIES	Buchanan Tom, Runcorn Great Britain
297	ADVANTAGES OF A LIFECYCLE-ORIENTED, ANALYTICAL METHOD DEVELOPMENT APPROACH IN THE PHARMACEUTICAL INDUSTRY	Zoeldhegyi Arnold, Berlin Germany
99	ANALYTICAL METHOD LIFECYCLE; STATE OF THE ART APPROACH FOR RP-LC METHODS	Bailes Sophie, Macclesfield Great Britain
9	THE LIFECYCLE APPROACH TO TECHNIQUES BASED ON SEPARATION SCIENCE	Weitzel Jane, WINNIPEG Canada
THU 2.2	11.10 - 12.55	PREPARATIVE CHROMATOGRAPHY - 2
285	SECTIONING RECYCLE: A NEW APPROACH FOR ULTRA-HIGH RESOLUTION OF CRITICAL SEPARATIONS IN HPLC	Minarik Marek, Prague Czech Republic
251	RAPID PURIFICATION OF PRODUCT-RELATED IMPURITIES USING N-RICH®, AN AUTOMATED CHROMATOGRAPHIC ENRICHMENT PROCESS	Müller-Späth Thomas, Zurich Switzerland
286	ON-LINE AUTOMATED PROCESS CONTROL MONITORING SYSTEM FOR MULTIPLE CRITICAL QUALITY ATTRIBUTES PRODUCT CHARACTERISATION	Dorival-Garcia Noemi, Dublin Ireland
147	TWO-DIMENSIONAL PREPARATIVE CHROMATOGRAPHY: ISOLATION OF REFERENCE SUBSTANCES FROM COMPLEX SAMPLES	Faure Karine, Villeurbanne France

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327	APPLICATION OF INVERSE METHOD TO STUDY ADSORPTION EQUILIBRIA OF A PHARMACEUTICAL PEPTIDE TO PREDICT OVERLOADED GRADIENT ELUTION PROFILES IN RP-LC	<i>De Luca Chiara, Ferrara Italy</i>
228	BIODEREPLICATION WORKFLOW FOR THE FAST ISOLATION OF ANTIPLASMODIAL COMPOUNDS BASED ON THE HEME-BINDING, MOLECULAR NETWORKING AND CPC CHROMATOGRAPHY	<i>VASQUEZ OCMIN Pedro, Châtenay-Malabry France</i>
213	ALTERNATE LANGMUIR AND ANTI-LANGMUIR ADSORPTION	<i>rana chinar, brussels Belgium</i>
THU 3.2	11.10 - 12.55	HPTLC - 2
393	EFFECT DIRECTED ANALYSIS AND TLC SCREENING OF CHOSEN PLANTS USED IN TRADITIONAL CHINESE MEDICINE	<i>Nikolaichuk Hanna , Lublin Poland</i>
229	HPTLC AS A SCREENING METHOD TO CONTROL THE QUALITY OF BOTANICAL RAW MATERIAL AND DETECT ADULTERANTS	<i>Colombo Francesca, Milan Italy</i>
273	HPTLC METHOD DEVELOPMENT OF SOME ENDANGERED SPECIES OF HIGH ALTITUDE PLANTS AND THEIR PHYTOCHEMICAL VARIATION IN THEIR SPECIES WITH ALTITUDES	<i>GUPTA AJAI PRAKASH, JAMMU India</i>
294	COUPLING HPTLC AND MS BY BLOTTING-DESI-MS	<i>Böhmdorfer Stefan, Tulln Austria</i>
197	TARGET BASED METHOD DEVELOPMENT USING EFFECT DIRECTED TLC – A STRAIGHTFORWARD PROCESS DESIGN FOR THE IDENTIFICATION AND ISOLATION OF BIOACTIVE NATURAL PRODUCTS	<i>Oberle Michaela, Darmstadt Germany</i>
243	TLC-HPLC-MS. ELUTION-BASED COUPLING OF TLC WITH HPLC AND MS	<i>Schulz Michael, Darmstadt Germany</i>
302	(HPLC) AND HIGH-PERFORMANCE THIN-LAYER CHROMATOGRAPHY (HPTLC) FOR THE INVESTIGATION OF WINE-MAKING BY-PRODUCTS	<i>BERNARDI TATIANA, FERRARA Italy</i>
THU 4.2	11.10 - 12.55	INNOVATIVE APPLICATIONS - 2
50	INFLUENCE OF FLUOROALCOHOLS AS ELUENT ADDITIVES ON REVERSED-PHASE LIQUID CHROMATOGRAPHIC-MASS SPECTROMETRIC ANALYSIS	<i>Veigure Ruta, Tartu Estonia</i>
199	SEPARATION OF UNDERIVATISED AMINO ACIDS FOR COMPOUND SPECIFIC RADIOCARBON ANALYSIS	<i>Deviese Thibaut, Oxford Great Britain</i>
124	DEVELOPMENT OF A HPLC METHOD WITH TANDEM DETECTORS (DAD-FLD-ECD) FOR SIMULTANEOUS DETERMINATION OF ANTIMICROBIAL AGENTS IN PERSONAL CARE PRODUCTS	<i>Abad Gil Lucía, Madrid Spain</i>
188	COMPARATIVE BIOPROFILING OF INDO-GERMAN VARIETIES OF FICUS RELIGIOSA LEAF EXTRACT: EFFECT DIRECTED DISCOVERY OF BIOACTIVE COMPOUNDS	<i>Gawande vandana, Pune India</i>
362	TWO-DIMENSIONAL TLC/HPLC/DAD/ESI-TOF-MS SYSTEM FOR A RAPID ANALYSIS OF CHOLINESTERASE INHIBITORS AND ANTIRADICAL COMPOUNDS IN PLANT SAMPLES	<i>Mroczek Tomasz, Lublin Poland</i>
140	PROTEIN QUANTIFICATION IN COMPLEX SAMPLES: DOES IT HAVE TO BE CAPILLARY LC WITH SELECTED REACTION MONITORING?	<i>Breidbach Andreas, Geel Belgium</i>
404	CRITICAL EVALUATION OF OLIVE OIL TRIGLYCERIDE COMPOSITION BY LC-GC AND UHPLC FOR THE DETECTION OF ADDED SEED OILS	<i>delmonte pierluigi, college park United States</i>
THU 1.3	14.00 - 16.30	PLENARY 2
162	MICROSCALE LIQUID PHASE SEPARATIONS USING SPECIFIC INTERACTIONS	<i>Otsuka Koji, Kyoto Japan</i>
377	POLYMER BRUSH BONDED PHASES FOR MS-COMPATIBLE MOBILE PHASES IN PROTEIN SEPARATIONS	<i>Wirth Mary, West Lafayette United States</i>
154	LIPIDOMICS: A WINDOW OF OPPORTUNITY FOR CLINICAL ANALYSIS	<i>Laemmerhofer Michael, Tuebingen Germany</i>