

MEETING PROGRAM

Sunday, August 29, 2010 (Beethoven Hall)

12:00 – 17:00 Congress Registration Foyer

Sunday, August 29, 2010 (Bonn Castle, “Kurfürstliches Schloss”)

Time	Meetings	Room
9:00	TIAFT Young Scientists Symposium	Lecture Hall I, ground floor
9:00	TIAFT Executive Board Meeting	Dozenten-zimmer, 1 st floor
11:30	TIAFT Regional Representatives Meeting	Seminar room No. 1, 2 nd floor
12:30	Lunch for Young Scientists and TIAFT Board	Cafeteria
14:00	TIAFT Young Scientists Committee Meeting	Dozenten-zimmer, 1 st floor
14:00	TIAFT STA Committee Meeting	Seminar room No. 1, 2 nd floor
14:00	TIAFT Internet Committee Meeting	Seminar room No. 3, 2 nd floor
18:00	Opening Ceremony	Aula, 1st floor
20:00	Welcome Reception <i>sponsored by Agilent Technologies</i>	Festsaal and Senatssaal, 1st floor

Opening Ceremony (Aula Academica, Bonn Castle, 1st floor), August 29, 2010, 18:00

Chairs: Hans H. Maurer and Frank Musshoff

Welcoming Addresses:

Prof. Hans H. Maurer (Congress Chair)
Prof. Frank Musshoff (GTFCh President and Congress Chair)
Prof. Olaf Drummer (TIAFT President)
Prof. Jürgen Fohrmann (Rector, Bonn University)
Jürgen Nimptsch (Mayor, City of Bonn)

Beethoven Violin Sonata No. 5 in F, op. 24 (Frühling/Spring), Movement 1: Allegro (Lisa Schumann, Violin and Darko Kostovki, Piano)

The death of Cleopatra: Alternatives to arsenic, cyanide et al.? (Prof. Dietrich Mebs, Forensic Toxicology, Frankfurt/Main, Germany)

Beethoven Violin Sonata No. 5 in F, op. 24 (Frühling/Spring), Movement 2: Adagio molto espressivo (Lisa Schumann, Violin and Darko Kostovki, Piano)

Ludwig van Beethoven: A Genius and his Drama (Prof. Malgorzata Klys, Forensic Medicine. Krakow, Poland)

Beethoven Violin Sonata No. 5 in F, op. 24 (Frühling/Spring), Movement 3: Scherzo - Allegro molto, Movement 4: Rondo - Allegro ma non troppo (Lisa Schumann, Violin and Darko Kostovki, Piano)

Invitation to the Welcome Reception

The Death of Cleopatra: Alternatives to Arsenic, Cyanide et al.?

Dietrich Mebs, Forensic Toxicology, Johann Wolfgang Goethe University Frankfurt/Main, Germany

In Egypt, 30 BC, the Romans defeated Cleopatra's troops. While she was a prisoner of the Roman commander Octavian, she committed suicide by snakebite, as historians told us. But is it really true? Why did she select such an unpleasant death, when other means to end her life were available?

Murder and suicide by poisons such as arsenic, cyanide, pesticides or drugs are an easy exercise for the forensic toxicologist. But what about animal venoms and poisons? Are we prepared to detect these complex natural products? The cause of Cleopatra's death will never be conclusively elucidated. But she gave us a broad hint that there are alternatives to arsenic, cyanide and others.



Professor Dietrich Mebs studied biology and biochemistry at the University of Frankfurt, spent a half year for studies on the biochemistry of snake venoms at the Instituto Butantan in Sao Paulo, Brazil and obtained his PhD in 1968 from the University of Frankfurt.

After graduating, he joined the Center of Forensic Medicine, where he has spent his entire career until his retirement in 2007. In 1970/71 he stayed for a half year as a post-doctoral researcher at the Institute of Protein Research, University of Osaka, Japan, where he elucidated the primary structure of alpha-bungarotoxin, a snake venom toxin which became an important tool in neurochemistry.

After his Habilitation in Forensic Sciences in 1979, he was promoted to Professor in 1985. Beside his forensic work in toxicology and DNA-typing his main research interest is devoted to venoms and poisons of plant and animals and their chemistry and mode of action.

He has published more than 250 scientific articles and four books among them "Venomous and Poisonous Animals" which first appeared in German ("Gifftiere") 1992. Dietrich Mebs teaches forensic medicine, toxicology and toxinology at the university as well as overseas (Philippines, Australia, South-Africa). Since 1982, he is Secretary-Treasurer of the International Society on Toxinology, the only scientific society devoted to studies on animal, plant and microbial toxins. Finally, he is the current President of the Toxinomics Foundation, Geneva.

Ludwig van Beethoven: A Genius and his Drama

Malgorzata Klys, Forensic Medicine, Jagiellonian University Krakow, Poland

In 2010, we celebrate the 240th anniversary of the birth of Ludwig van Beethoven – a brilliant composer and an extraordinary human being. His multi-faceted genius has been perceived as fascinating to this very day by our forefathers and also by our generation. Both music lovers and connoisseurs of his work are continuously enchanted anew by his music.

Today it appears that diseases that affected the composer, especially his deafness, most likely must have been much more severe as those reported by many of his biographers. He was weak, suffering, lonely, rejected by his nearest. Music was his entire life. To this very day, we are puzzled by the power of genius in the man who – in spite of his complete deafness – was able to compose. The drama of a composer who would never hear his work performed is difficult to perceive.

A genius of all time, he left behind not only a marvelous musical legacy, but also an insatiable appetite of various representatives of the world of medicine for divagations and speculations addressing his health and the drama of his creative work. Today, 240 years after he was born and more than 180 years after his death, discussions about his person seen in various aspects and categories continue, providing physicians of a multitude of specialties with riddles and problems to be solved. This is a reason that about Beethoven we want to contemplate and discuss again.



Professor Malgorzata Klys is a forensic toxicologist with 30-year experience and the current Chair of Forensic Medicine at the Jagiellonian University Collegium Medicum (Kraków, Poland). She is author and coauthor of more than 100 papers on toxicological methodology, casuistry, general problems of forensic toxicology. Her non-professional interests include classical music.

Beethoven Violin Sonata No. 5 in F, op. 24, Spring

Lisa Schumann, Violin and Darko Kostovki, Piano.



Lisa Schumann, born in Cologne (Germany) in 1988, is studying the violin at the Cologne University of Music under the direction of Professor Zakhar Bron. She was elected several times as concert mistress of the Symphony Orchestra of the Cologne University of Music. Since the age of eight, she has won several national and international classical music competitions for young musicians among which those in Nowosibirsk and in Warsaw. She took part in master courses in Austria, Spain, Portugal and France. She gave already many solo concerts for example at the Tonhalle in Düsseldorf, the Philharmonic Hall in Cologne, and in the concert hall of the Japan Broadcasting Corporation NHK which was recorded for broadcasting.



Darko Kostovki, born in Skopje (Macedonia), studied the piano at the Cologne University of Music and made his exam as concert pianist in 2004.

He was successful in many international classical music competitions and played together with the Belgrad Symphony Orchestra, the Macedonian Philharmonic Orchestra and the Jeunesse Musicales Orchestra. He played in various countries among others in the Philharmonic Hall in Cologne, in the Opera House in Bonn, in the Palace of Versailles, at the Klangbogenfestival in Vienna, at the Expo 2000 in Hanover, and at the Summer Festival in Ochrid/Macedonia. His repertoire includes piano works of Bach, Mozart, Haydn, Beethoven, Chopin, Tchaikovsky, Prokofjew, and of composers of the 20th century. Some of his concerts were published on DVDs.

Monday, August 30, 2010 (Beethoven Hall)

8:00 Registration, Posters, Exhibition
(Internet Café sponsored by LGC) **Foyer and Connected Rooms**

11:45 O-13 A liquid chromatography–high resolution mass spectrometry method for the simultaneous determination of 30 benzodiazepines and metabolites in hair
Susanna Vogliardi, Donata Favretto, Marianna Tucci, Alessandro Nalesso, Rita Frassanito, Santo Davide Ferrara

11:57 O-14 Detection and validated quantification of 21 benzodiazepines/metabolites and 3 "Z-Drugs" in human hair by LC-MS/MS
Kristina Y. Rust, Markus R. Baumgartner, Natascha Meggiolaro, Thomas Kraemer

Oral Sessions (Studio)

8:30 Topic: Alcohol, Drugs and Driving I
Chairs: Alan Wayne Jones, Aldo Poletti

8:30 O-1 Detection and validated quantification ethylglucuronide and ethylsulfate in human urine
Jochen Beyer, Tu N. Vo, Dimitri Gerostamoulos, Olaf Drummer

8:42 O-2 Detection time of direct alcohol markers, ethyl glucuronide (EtG) and ethyl sulfate (EtS), in oral fluid and urine after dosing to 0.08%
Christine Moore, Paul Marques, Cynthia Coulter

8:54 O-3 Incidence of post-collection synthesis and hydrolysis of ethyl glucuronide (EtG) and ethyl sulfate (EtS) in random unpreserved urine specimens
Sumandeep Rana, Wayne Ross

9:06 O-4 Distribution of phosphatidylethanol homologues determined by LC-ESI-MS/MS and comparison to CDT during withdrawal therapy
Heike Gnann, Claudia Engelmann, Annette Thierauf, Gisela Skopp, Michaela Winkler, Frank Sporkert, Wolfgang Weinmann

9:18 O-5 A targeted lipidomic approach for the LC-HRMS quantitation of phosphatidylethanol molecular species in human blood
Alessandro Nalesso, Guido Viel, Giovanni Cecchetto, Massimo Montisci, Donata Favretto, Santo Davide Ferrara

9:30 O-6 Comparison of blood ethanol concentration and breath ethanol concentration in practice
Marc Augsburger, Frank Sporkert, Patrice Mangin

9:42 O-7 Prevalence of drugs of impairment in oral fluid from random roadside testing
Mark Chu, Dimitri Gerostamoulos, Jochen Beyer, Martin Boorman, Olaf Drummer

10:00 Coffee Break, Posters, Exhibition

10:45 Topic: Alcohol, Drugs and Driving II
Chairs: Alain Verstraete, Nele Samyn

10:45 O-8 The extent of drug-associated driving in Victoria
Olaf Drummer, Irene Kourtis, Jochen Beyer, Martin Boorman, Dimitri Gerostamoulos

10:57 O-9 Significant increased detection rate of drugs of abuse in urine following the introduction of new German driving licence re-granting guidelines
Ronald Agius, Thomas Nadulski, Hans-Gerhard Kahl, Bertin Dufaux

11:09 O-10 Influence of ethanol on cannabinoid pharmacokinetic parameters in chronic users
Stefan W. Toennes, Kirsten Schneider, Gerold F. Kauert, Cora Wunder, Manfred R. Moeller, Wendy Bosker, Eef L. Theunissen, Jan G. Ramaekers

11:21 O-11 Stability of cannabinoids in plasma and whole blood of authentic specimens
Bertrand Brunet, Adeline Ane, Yves Papet, Patrick Mura

11:33 O-12 Δ^9 -Tetrahydrocannabinolic acid A in hair - a novel marker for external contamination with cannabis smoke
Volker Auwärter, Ariane Wohlfarth, Jessica Traber, Dettlef Thieme, Wolfgang Weinmann

12:15 Lunch Break, Posters, Exhibition
13:15 Siemens Vendor Seminar (Studio)

-14:00

14:15 Topic: Drug Facilitated Crime
Chairs: Marc LeBeau, Simon Elliott

14:15 O-15 Drug facilitated crime ("DFC") using tetrazepam
Frédéric Aknouche, Thierry Besnard, Robert Buti, Henri-Pierre Duval

14:27 O-16 Determination of clonazepam and 7-aminoclonazepam in hair after a single intake by HPLC-ESI-MS-MS. Application to forensic case of drug facilitated crime
Sebastian Rojek, Małgorzata Kłys

14:39 O-17 Hair analysis in a suspected rape case involving zolpidem
Alberto Salomone, Daniele Di Corcia, Enrico Gerace, Marco Vincenti, Michele Petrarulo

14:51 O-18 Disposition of ketamine and its metabolites in hair after a single dose
Ping Xiang, Qiran Sun, Baohua Shen, Min Shen

15:03 O-19 The role of variations in growth rate and sample collection on interpreting results of segmental analyses of hair
Marc LeBeau, Madeline Montgomery, Jason Brewer

15:15 O-20 Measurement uncertainty in quantitative segmental analysis of hair for amphetamine and methamphetamine
Madeline Montgomery, Marc LeBeau, Cynthia Morris-Kukoski, Jason Schaff, Marc LeBeau

15:27 O-21 Drug and alcohol facilitated sexual assault litigation
Michael Smith, David Lesser, John Jemionek, Eric Shimomura, Timothy Lyons

15:45 Coffee Break, Posters, Exhibition

16:30 Topic: Extraction Techniques and Matrix Effects
Chairs: Olof Beck, Thomas Stimpfl

16:30 O-22 A new "Dilute and Shoot" method for the detection and quantification of more than 50 drugs of abuse and their metabolites for quick routine analysis in urine, serum, and hair via LC-MS/MS
David Bassan, Ralf Krüll, Heike Wollersen, Freidoon Erdmann

16:42 O-23 Application of molecularly imprinted solid phase extraction (MISPE) and liquid chromatography tandem mass spectrometry (LC-MS/MS) to the detection of amphetamines in whole blood
Norlida Harun, Robert, A Anderson

16:54 O-24 Fully automated offline sample preparation - from whole blood to injection-ready samples with a single mouse click
Brian Schou Rasmussen, Kristian Linnet

17:06 O-25 Rapid quantification of tilidine, nortilidine and bisnortilidine in urine by automated online-SPE-LC-MS/MS
Christoph Köhler, Thomas Grobosch, Torsten Binscheck

- 17:18 O-26 Automated SPE-LC-MS-MS analysis of codeine, morphine, oxycodone, oxymorphone, hydrocodone, and hydromorphone in human urine specimens: application for a high-throughput urinalysis laboratory
Paul Robandt, Huong Bui, Kevin Klette
- 17:30 O-27 Development and validation of a library-assisted toxicological screening system using online extraction
Daniel Mueller, Katharina Rentsch
- 17:42 O-28 Comparison of ion suppression and enhancement effects of co-eluting analytes in a LC-MS/MS multi-analyte procedure using APCI and ESI
Daniela Remane, Markus R. Meyer, Dirk K. Wissenbach, Hans H. Maurer

18:00 **Wine and Cheese Reception in Exhibition**
sponsored by Waters

Tuesday, August 31, 2010 (Beethoven Hall)

**8:00 Registration, Posters, Exhibition,
(Internet Café sponsored by LGC) Foyer and
Connected Rooms**

Oral Sessions (Studio)

**8:30 Topic: Analytical Toxicology
Chairs: Franco Tagliaro, Dimitri Gerostamoulos**

8:30 O-29 Determination of tetramine concentrations in hair: A case study
Min Shen, Ping Xiang

8:42 O-30 Glucarpidase – an investigational agent for patients with toxic MTX blood levels or reduced MTX clearance
Thomas Grobosch, Lars Ambach, Torsten Binscheck

8:54 O-31 Analysis of phenol in blood by GC-MS
Chia Han Lin, Bud-Gen Chen, Ray H. Liu, Chin-Hsing Lai, Thomas J. H. Chen, Wen-Yi Lin, Yee-Lin Wu, Shiv D. Kumar

9:06 O-32 Analysis of drugs of abuse in hair: Evaluation of the immunochemical method VMA-T vs. LC-MS/MS
Markus Baumgartner, Rosetta Guglielmello, Monique Fanger, Thomas Kraemer

9:18 O-33 Method validation of a survey of thevetia cardiac glycosides in serum samples
Sarah Kohls, Barbara Scholz-Böttcher, Jürgen Rullkötter, Jörg Teske

9:30 O-34 Chiral analyses of dextromethorphan/levomethorphan and their metabolites in rat and human samples using LC-MS/MS
Ruri Kikura-Hanajiri, Maiko Kawamura, Atsuko Miyajima, Momoko Sunouchi, Yukihiko Goda

9:42 O-35 Development and validation of a highly sensitive UFLC-MS/MS method for the analysis of fentanyl and its major metabolite norfentanyl in urine and whole blood in forensic context
Ruth Verplaetse, Jan Tytgat

10:00 Coffee Break, Posters, Exhibition

**10:45 Topic: Drug Metabolism and Kinetics
Chairs: Marilyn Huestis, Marta Concheiro**

10:45 O-36 Degradation kinetics and detection windows of succinylcholine and succinylmonocholine in serum and urine for forensic-toxicological applications
Uta Kuepper, Frank Musshoff, Frank Herbstreit, Ralf A. Hilger, Burkhard Madea

10:57 O-37 Investigation of in vitro phase I metabolites of the synthetic cannabinomimetic JWH-018
Annette Wintermeyer, Ines Moeller, Mario Thevis, Martin Juebner, Justus Beike, Markus A. Rothschild, Katja Bender

11:09 O-38 Identification of the main metabolites of JWH-018, an active ingredient of K2 (Fake Weed) in human urine
Sumandeep Rana, Jeremiah Morris, Wayne Ross, Alexandre Wang, Matthew Clabaugh, Hua-fen Liu

11:21 O-39 Monitoring of Kratom alkaloids and its metabolites in urine using LC-Linear Ion Trap-MSⁿ and GC-MS
Anika-Anina Philipp, Dirk K. Wissenbach, Armin A. Weber, Josef Zapp, Siegfried W. Zoerntlein, Jidapha Kanogsunthornrat, Peter G. M. Zweipfenning, Hans H. Maurer

11:33 O-40 Phase-II metabolism of MDMA: Sulfation kinetics of DHMA and HMMA and their capability to inhibit human sulfotransferases
Andrea E. Schwaninger, Markus R. Meyer, Hans H. Maurer

11:45 O-41 Studies on the metabolism of the alpha-pyrrolidinophenone designer drug methylenedioxy-pyrovalerone (MDPV) using GC-MS and LC-high-resolution-MS and its detectability in urine
Markus R. Meyer, Peng Du, Frank Schuster, Hans H. Maurer

11:57 O-42 Cocktail approach for phenotyping of five major CYP450 isoenzymes: methodology and pilot test
Ariane Wohlfarth, Sebastian Dresen, Wolfgang Weinmann, Volker Auwärter

12:15 Lunch Break, Posters, Exhibition

13:15 Waters Vendor Seminar (Studio)

-14:00

**14:15 Topic: Hormones in Doping Control and Forensics
Chairs: Detlef Thieme, Johan Ahlner**

14:15 O-43 Anabolic steroid adverse findings among specific population groups in the United States: classic vs. designer drugs
Victor Uralets

14:27 O-44 Anabolic androgenic steroids in police cases in Sweden 1999-2009
Yvonne Lood, Arne Eklund, Johan Ahlner

14:39 O-45 Steroid concentrations in brain and potential psychiatric effects
Detlef Thieme, Claudia Rautenberg, Sybille Fieseler

14:51 O-46 Determination of human insulin and its synthetic analogues in human plasma by electrospray ionization liquid chromatography/tandem mass spectrometry
Cornelius Hess, Frank Musshoff, Andreas Thomas, Mario Thevis, Burkhard Madea

15:03 O-47 Screening for urinary insulin and other bioactive peptides by nanoUPLC-MS/MS for doping control purposes
Andreas Thomas, Maxie Kohler, Wilhelm Schänzer, Mario Thevis

15:15 O-48 Selective androgen receptor modulators in sports drug testing
Mario Thevis, Enrico Gerace, Simon Beuck, Andreas Thomas, Wilhelm Schänzer

15:27 O-49 In-vitro metabolism of the PPAR-delta agonist GW1516 and implementation of its major metabolites in routine doping controls
Ines Möller, Andreas Thomas, Simon Beuck, Grigory Rodchenkov, Wolfgang Bornatsch, Hans Geyer, Wilhelm Schänzer, Mario Thevis

15:45 Coffee Break, Posters, Exhibition

**16:30 Topic: Alternative Matrices
Chairs: Carmen Jurado, Madeline Montgomery**

16:30 O-50 MDMA and metabolite disposition in expectorated oral fluid following controlled oral MDMA administration
Allan Barnes, Erin Kolbrich-Spargo, Karl Scheidweiler, David Gorelick, Robert Goodwin, Marilyn A. Huestis

16:42 O-51 Determination of endogenous gamma-hydroxybutyric acid (GHB) levels in saliva by gas chromatography-mass spectrometry: last piece of the puzzle for GHB
Giorgia De Paoli, Katrina M. Walker, Derrick J. Pounder

- 16:54 O-52 Simultaneous analysis of buprenorphine, methadone, cocaine, opiates, nicotine, and metabolites in sweat by liquid chromatography tandem mass spectrometry
Marta Concheiro, Daa M. Shakleya, Marilyn A. Huestis
- 17:06 O-53 Drug analysis of human tears by liquid chromatography coupled to tandem mass spectrometry
Thierry Besnard, Frédéric Aknouche, Jacques Chofflet, Henri-Pierre Duval
- 17:18 O-54 Comprehensive drug screening of meconium
Johanna Ristimaa, Merja Gergov, Anna Pelander, Ilkka Ojanperä
- 17:30 O-55 Correlations for maternal methadone dose, placental methadone and EDDP concentrations, and neonatal outcomes
Ana de Castro, Daa Shakleyaa, Rolley Johnson, Robin Choo, Hendrée Jones, Marilyn A. Huestis
- 17:42 O-56 Drug testing using exhaled breath? Demonstration of a new possibility in toxicology
Olof Beck
- 18:00 Agilent Technologies Vendor Seminar (Studio)**
- 20:00 Beer Garden Barbecue with Rhinelandian Culture (Rheinaue Park Restaurant)**

Wednesday, September 1, 2010 (Beethoven Hall)

8:00 Registration, Posters, Exhibition **Foyer and**
(Internet Café sponsored by LGC) **Connected Rooms**

Oral Sessions (Studio)

8:30 Topic: Postmortem Toxicology I

Chairs: Dan Isenschmid, Helena Teixeira

8:30 O-57 Determination of ketone bodies in blood by HS/GC/MS
Karen Jørgensen, Kristian Linnet, Brian Rasmussen,
 Anders Pedersen

8:42 O-58 Evaluation of the Randox whole blood Drugs of Abuse
 Array I for the analysis of alternative postmortem
 toxicology samples

Poppy McLaughlin, Derrick Pounder, David Osselton

8:54 O-59 Combined use of LC-QTOF-MS and HPLC-DAD in
 systematic toxicological analysis

Fritz Pragst, Sebastian Broecker, Abdulsallam Bakdash,
 Sieglinde Herre, Michael Tsokos

9:06 O-60 Screening for benzodiazepines and antipsychotics in post
 mortem blood using LC-QTOF in automated MSMS mode

Peter Stockham, Sheridan Martin, Claire Lenehan, Chris
 Fouracre, Peter Felgate

9:18 O-61 MALDI mass spectrometric imaging in tissue sections as
 a new tool in forensic toxicology

Tiffany Porta, Emmanuel Varesio, Gérard Hopfgartner,
 Thomas Kraemer

9:30 O-62 Stability of antipsychotic drugs in stored blood samples
Eva Saar, Dimitri Gerostamoulos, Jochen Beyer, Olaf H.
 Drummer

9:42 O-63 Stability of selected prescription drugs during
 decomposition

Danielle Butzbach, Roger Byard, Hilton Kobus, D. Noel
 Sims, Peter Stockham, Robert Lokan, G. Stewart Walker

9:54 O-64 The effect of the postmortem interval on the redistribution
 of 52 drugs: A comparison of admission and autopsy
 blood specimens

Dimitri Gerostamoulos, Jochen Beyer, Voula Staikos,
 Penny Tayler, Olaf Drummer

10:06 O-65 Strategy to demonstrate external post mortem
 contamination of hair: place of segmental analysis

Pascal Kintz

10:20 Coffee Break, Posters, Exhibition

11:15 Topic: Postmortem Toxicology II

Chairs: Olaf Drummer, Robert Kronstrand

11:15 O-66 Incidence of ethanol and drug consumption in fatal
 accidents at the workplace

Carmen Jurado, M^a Paz Gimenez, Luisa Escobar,
 Rosario Garcia-Repetto, Agustin Gonzalez, Esperanza
 Moreno, David Olano, Carmen Pareja, Angeles Pérez,
 Ana del Peso, Isabel Rodríguez, Luisa Salas, Teresa
 Soriano, M^a Luisa Soria

11:27 O-67 Drug poisoning deaths in Sweden show a predominance
 of ethanol in mono-intoxications, adverse drug-alcohol
 interactions and poly-drug abuse

Alan Wayne Jones, Anita Holmgren, Fredrik Kugelberg,
 Johan Ahlner

11:39 O-68 Smoking is associated with alcohol, drugs of abuse and
 psychopharmaceuticals – A post-mortem database study
 in young adults

Terhi Launiainen, Ilkka Ojanperä

11:51 O-69 Serotonin toxicity involving MDMA and moclobemide
Jennifer L. Pilgrim, Dimitri Gerostamoulos, Olaf H
 Drummer

11:03 O-70 Reporting a sudden death due to accidental gasoline
 inhalation

Maria Antonia Martinez, Salomé Ballesteros, Rafael
 Alcaraz

12:15 O-71 *Cerbera manghas* vs. *Birgus latro*: where is the poison
 coming from? A case report

Marc Deveaux, Marjorie Cheze, Yann Barguil, Michel
 Maillaud, Carole Leleu, Guillaume Hoizey, Gilbert Pepin

12:27 O-72 Fatality with controlled release morphine

Ashraf Mozayani, Terry Danielson

12:39 O-73 The role of dihydrocodeine metabolites in dihydrocodeine
 related deaths

Ahmed Al-Asmari, Robert Anderson

12:51 O-74 Interpretation of opiate concentrations in post-mortem
 brain samples of heroin users

Cora Wunder, Jana Czoelder, Kettner Matthias, Peter
 Schmidt, Stefan W. Toennes

13:15 Excursion with Vineyard Olympics
(Light Lunch on Board)

Thursday, September 2, 2010 (Old Waterworks)**Oral Sessions (Plenary Chamber)**

			14:06	O-87	Metabolite-based LC-MS urine screening using Linear Ion Trap technology, exemplified for antidepressants <u>Dirk K. Wissenbach</u> , Daniela Remane, Markus R. Meyer, Hans H. Maurer
			14:18	O-88	General unknown screening in hair by LC-QTOF-MS <u>Sebastian Broecker</u> , Fritz Pragst
8:30		Topic: Forensic Chemistry			
		Chairs: Heesun Chung, Osamu Suzuki			
8:30	O-75	The use of gas chromatographic isotope ratio mass spectrometry for cannabis profiling <u>Yuko Iwata</u> , Hiroyuki Inoue, Kenji Kuwayama, Kenji Tsujikawa, Hajime Miyaguchi, Tatsuyuki Kanamori, Hirofumi Fukushima			
8:42	O-76	Comparison of 'legal highs' composition <u>Bohumila Byrska</u> , Martyna Maciów, Dariusz Zuba			
8:54	O-77	Identification of cathinone-derivatives in a „bath salt“ and a „glass surface protector“ – are these new ways to deal with drugs? <u>Andreas Ewald</u> , Thomas Kraemer, Jochen Wilske			
9:06	O-78	Acute poisoning involving the pyrrolidinophenone-type designer drug 4'-methyl-alpha-pyrrolidinohexanophenone (MPHP) <u>Christoph Sauer</u> , Kerstin Hoffmann, Polina Mattis, Frank T Peters			
9:20		Coffee Break (Bundeshaus Foyer)			
10:20		Topic: Alcohol Markers in Hair			
		Chairs: Fritz Pragst, Michele Yegles			
10:20	O-79	Epidemiological evaluation of ethylglucuronide levels in different keratinic matrices Valentina Pirro, Daniele Di Corcia, Sergio Pellegrino, Marco Vincenti, <u>Alberto Salomone</u>			
10:32	O-80	Incorporation of ethyl glucuronide into rat hair as function of ethanol dose and hair pigmentation <u>Frank Sporkert</u> , Hicham Kharbouche, Christian Staub, Patrice Mangin, Marc Augsburger			
10:44	O-81	Ethyl glucuronide in hair after abstinence and low alcohol consumption. A controlled study in 44 subjects <u>Robert Kronstrand</u> , Linda Brinkhagen, Fredrik Nystrom			
10:56	O-82	Comparison of the ethyl glucuronide (EtG) and fatty acid ethyl esters (FAEEs) concentrations in hair for testing abstinence <u>Maria Elena Albermann</u> , Frank Musshoff, Burkhard Madea			
11:08	O-83	Impact of hair-care products on FAEE hair concentrations in substance abuse monitoring <u>Joey Garej</u> , Brice Appenzeller, Gideon Koren			
11:20		Lunch Break (Bundeshaus Foyer)			
12:30		Thermo Fisher Vendor Seminar (Plenary Chamber)			
- 13:15					
13:30		Topic: Recent Developments in LC-MS Screening			
		Chairs: Willy Lambert, Ilkka Ojanpera			
13:30	O-84	High resolving power time-of-flight mass spectrometry in drug screening: preliminary evaluation <u>Anna Pelander</u> , Petra Decker, Carsten Baessmann, Ilkka Ojanpera			
13:42	O-85	Differentiation of isomers by LC/Q-TOFMS using fragmentation prediction <u>Elli Tyrkkö</u> , Anna Pelander, Ilkka Ojanpera			
13:54	O-86	LC-TOF-based toxicological drug screening: a chemometric approach <u>Aldo Poletini</u> , Eloisa Liotta, Anna Bertaso, Rossella Gottardo			
			14:30		Closing Ceremony (Plenary Chamber)
			14:30		History of the German Bundestag
			15:00		Closing Remarks
			15:15		Business Meeting (Plenary Chamber)
			20:00		Reception and Farewell Banquet (Maritim Hotel) <i>sponsored by Thermo Fisher Scientific</i>

August 30 - September 1 (Beethoven Hall)**Poster Session ("Seminarraum 1-3").**

- Topic: Alcohol, Drugs and Driving**
- P-1 Specific measurement of ethanol in serum and urine with an assay kit on the fully automated RX series analysers
P. McGivern, T. Lipton, R. I. Bell, J. Campbell, S. P. Fitzgerald
- P-2 Alcohol and drugs in fatal road accidents between 1999 and 2009
Cristiana Stramesi, Claudia Vignali, Maria Luisa Fino, Angelo Groppi
- P-3 The effects of reducing the legal blood alcohol concentration limit for driving in Sao Paulo, Brazil
Gabriel Andreuccetti, Heraclito Barbosa Carvalho, Cheryl Cherpitel, Julio Carvalho Ponce, Vilma Leyton, Tulio Kahn
- P-4 Self reported (il)licit drug use in Belgian drivers
Trudy Van der Linden, Peter Silverans, Cristina Isalberti, Sara-Ann Legrand, Alain Verstraete
- P-5 Analytical evaluation of five oral fluid drug testing devices
Cristina Isalberti, Sylvie Vanstechelman, Sara-Ann Legrand, Trudy Van der Linden, Alain Verstraete
- P-6 Prevalence of alcohol, drugs and benzodiazepines among drivers and pedestrians involved in road accidents in the South Region of Portugal during the years 2008 - 2009
Nuno Gonçalves, Susana Fonseca, Mário Dias
- P-7 Amphetamines, cocaine and cannabinoids use among truck drivers in the roads of the State of Sao Paulo, Brazil
Vilma Leyton, Daniele Mayumi Sinagawa, Keziah Cristina Barbosa Gruber de Oliveira, Wagner Schmitz, Gabriel Andreuccetti, Bruno Spinosa De Martinis, Daniel Romero Munoz
- P-8 Alcohol and psychoactive substance related road traffic injuries in Pakistan
Ajmal Khan Khoso
- Topic: Drug Facilitated Crime**
- P-9 Use of hydrophilic interaction liquid chromatography–tandem mass spectrometry for fast determination of gamma-hydroxybutyrate (GHB) in plasma and urine
Jose Luiz Costa, Rafael Lanaro
- P-10 In vitro production of GHB in untreated blood and serum samples under varied storage conditions
Siegfried W. Zoerntlein, Alexandra Kopp, Juergen Becker, Thomas J. Kaufmann, Joerg Roehrich, Reinhard Urban
- P-11 GHB in hair - a mathematical approach to the evaluation of a possibly positive case
Klaas J. Lusthof, Ingrid J. Bosman
- P-12 GBL as counterfeit wine for date-rape
C. Tangbanluekal, T. Sinchai, P. Suteerakune
- P-13 Sexual abuse and anti-wrinkle cream: evidence from octocrylene
Carole Jamey, Antoine Tracqui, Bertrand Ludes
- Topic: Extraction Techniques**
- P-14 Comparison of the efficiency of extraction procedures in post-mortem multi-target GC-MS screening for prevalent drugs in Hungary
Elod Hidvegi, Agnes Kerner, Agnes Ruff, Peter Fabian, Gabor Pal Somogyi
- P-15 Application of a non-conditioning solid-phase extraction method for determination of opiates in human urine by GC-MS
Fotini Athanasiadou, Konstantina Spagou, Georgios Theodoridis, Nikolaos Raikos, Helen Gika, Tsoukali Helen
- P-16 Automated solid-phase extraction procedure for body fluids and tissue samples
Thomas Stimpfl
- P-17 Extraction of THC and metabolites from urine and plasma using supported liquid extraction (SLE) prior to LC-MS/MS analysis
Rhys Jones, Lee Williams, Helen Lodder, Steve Jordan, Steve Plant, Richard Calverley, Claire Desbrow, Gary Dowthwaite
- P-18 Extraction of cocaine and metabolites using resin-based mixed-mode cation exchange SPE with LC-MS/MS analysis
Rhys Jones, Lee Williams, Helen Lodder, Steve Jordan, Steve Plant, Richard Calverley, Claire Desbrow, Gary Dowthwaite
- P-19 Mephedrone: evaluation of extraction using mixed-mode cation exchange SPE with LC-MS/MS analysis
Rhys Jones, Lee Williams, Helen Lodder, Steve Jordan, Steve Plant, Richard Calverley, Claire Desbrow, Gary Dowthwaite
- P-20 First experiences with automated on-line SPE-LC-QqTOF for the use in systematic toxicological analysis
Christoph Köhler, Thomas Grobosch, Torsten Binscheck
- P-21 Quantification of THC, 11-OH-THC and THC-COOH in whole blood by on-line extraction - liquid chromatography tandem mass spectrometry
Stefan König, Stephan Lanz, Martina Gasser, Beat Aebi, Wolfgang Weinmann
- P-22 Analysis of cocaine, ecstasy, 6-acetylmorphine and buprenorphine in human plasma and urine by online extraction TurboFlow™ – Mass spectrometry
Samuele Scurati, Cecilia Gechtman, Benedict Duretz, Sarah Robinson, Adriano Masarin
- P-23 Analysis of THC and THC-COOH in plasma and urine using online extraction LC-MS/MS
Samuele Scurati, Cecilia Gechtman, Benedict Duretz, Sarah Robinson, Adriano Masarin
- P-24 Analysis of clozapine and norclozapine in plasma using automated sample preparation and LC-MS/MS
Phillip Morgan, Sarah Robinson, Shane McDonnell, Benedicte Duretz, Samuele Scurati
- P-25 Analysis of methamphetamine and amphetamine in human plasma using pipette tip solid-phase extraction and high-performance liquid chromatography/tandem mass spectrometry
Akemi Marumo, Takeshi Kumazawa, Xiao-Pen Lee, Masaya Fujishiro, Keizo Sato, Chika Hasegawa
- P-26 Analysis of benzodiazepines from urine and whole blood by novel disposable pipette extraction (DPX) coupled to LC/MS/MS
Oliver Lerch, Fred D. Foster, Edward A. Pfannkoch, William E. Brewer, Tom Gluodenis
- P-27 GC-MS screening for pesticides in plant material using a novel isolation method based on disposable pipette RP-extraction
Thomas J. Mahier, Athra Al-Shaikh, Mohammed Al-Tufail, Maciej J. Bogusz
- Topic: Analytical Toxicology**
- P-28 Development of a sensitive polyclonal antibody for the detection of dextromethorphan and the main metabolite dextrorphan
M.E. Benchikh, P. Lowry, R.I. McConnell, S.P. Fitzgerald
- P-29 Development of polyclonal antibodies for the detection of antidepressants
M.E. Benchikh, P. Lowry, R. I. McConnell, S. P. Fitzgerald
- P-30 Development of sensitive polyclonal antibodies for the detection of zaleplon and zolpidem
M.E. Benchikh, P. Lowry, R. I. McConnell, S. P. Fitzgerald
- P-31 Development of simultaneous biochip array-based immunoassays for the detection of Z drugs in blood
M.E. Benchikh, P. Lowry, R. I. McConnell, S. P. Fitzgerald

- P-32 Development of simultaneous biochip immunoassays for salicylate and salicylic acid for the effective monitoring of aspirin in urine
M.E. Benchikh, P. Lowry, J. Porter, R.I. McConnell, W. Snelling, S. Fitzgerald
- P-33 Simultaneous determination of hallucinogens with Evidence biochip arrays
M.E. Benchikh, P. Lowry, R. I. McConnell, J. Porter, S. P. Fitzgerald
- P-34 Measurement of lithium in serum using a colorimetric assay with enhanced stability and sensitivity on the fully automated RX series analysers
T. Lipton, P. McGovern, R. Bell, J. Campbell, S. P. Fitzgerald
- P-35 Determination of six drugs of abuse in urine on the RX series analysers with assay kits using multi-analyte calibrators
P. McGovern, E. Donnelly, J. Thompson, R. Bell, J. Campbell, S. Fitzgerald
- P-36 Performance characteristics of ten drug of abuse assays using Syva EMIT II Plus reagents adapted to the ADVIA 1200, 1650/1800, and 2400 Chemistry Systems
Richard Edwards, Gena Fischer, Jessica Whalen, Nancy Carmosino, Claus Pruemper, Patrick Cusack, Jose Fernandez
- P-37 New Emit® II Plus 6-acetylmorphine assay on the V-Twin®/Viva-E® Analyzers
N. Morjana, H. Yau, A. Dominowski, C. Schaible, Y.F. Zheng, Douglas Clark, Gerald E. Siefring
- P-38 Multicenter evaluation of ONLINE DAT Amphetamines II Assay on Roche Hitachi, cobas® Analyzers, and COBAS INTEGRA Systems
Alain Verstraete, I. Rogiers, W. Haase, D. LeGatt, C. Shalapy, J. Collins, R. Setterstrom, C. Beck, I. Domke, Mary Jane Coffing
- P-39 Multicenter evaluation of ONLINE DAT Benzodiazepines II Assay on Roche Hitachi, cobas® Analyzers, and COBAS INTEGRA Systems
Alain Verstraete, I. Rogiers, W. Haase, D. LeGatt, C. Shalapy, J. Collins, R. Setterstrom, D-A. Wildbredt, C. Beck, I. Domke, Mary-Jane Coffing
- P-40 Five urine specimen validity tests evaluated on automated, high-throughput ADVIA Chemistry Systems, ADVIA 2400, ADVIA 1650/1800, and ADVIA 1200, from Siemens Healthcare Diagnostics
Jian Dai, Jacobson Robert, Cherian Saji, Ming Guo, Claus Pruemper, Algarin Principe, Roseta Sword
- P-41 Comparison of concomitant Cedia immunoassay drugs of abuse results in urine and oral fluid samples
Frances Flores, Brian Johns, Felix Norman-Williams, Sally Benton
- P-42 Validation of an automated enzyme assay for quantitation of GHB in human serum and urine
Lara Hasan, Michel Scotti, Thomas Jermann, Jakob Weber, Wolfgang Jöchle, Daniel Gyax, André Scholer
- P-43 The importance of norbuprenorphine cross-reactivity in a buprenorphine urine immunoassay
Michael Vincent, Guohong Wang, Kim Huynh, James Bourland, Cynthia Coulter, Christine Moore
- P-44 Immunobased SPFS biosensor for determination of CRP in serum
Andreas Scholten, Martin Juebner, Markus A. Rothschild, Katja Bender
- P-45 Single dose of 267 mg fenofibrate results in false-positive amphetamine and ecstasy screen results in urine
Ayse Parlar, Aslihan Yapıcı, Ahmet Ayer
- P-46 Determination of selected antihypertensive drugs in human serum by liquid chromatography-linear ion trap mass spectrometry
Vilma Habrdova, Marcel Bima, Jiri Ceral, Romana Psenickova, Vladimir Palicka, Viktor Vorisek
- P-47 Simultaneous screening for 54 toxic alkaloids in blood by liquid chromatography - tandem mass spectrometry
Wei Liu, Min Shen
- P-48 An LC-MS method to measure cathinone, norpseudoephedrine and phenylpropanolamine in urine
Samantha King, Molly Zaman, Frances Flores, Sally Benton
- P-49 Liquid chromatography - mass spectrometry: an objective and fast diagnostic method for the Amanita muscaria and Amanita pantherina intoxication
Peter Ondra, Barbora Merová, Marie Staňková, Jan Stříbrný
- P-50 Specific cannabinoid analysis using LC-MS/MS
Jason Causon, Daniel Leigh
- P-51 Analysis of drugs of abuse in urine by head-space APCI/ITMS
Masuyoshi Yamada, Takefumi Yokokura, Tsukasa Shishika, Hidetoshi Morokuma, Hiroaki Hashimoto, Masako Ishimaru, Hiroyuki Inoue
- P-52 LC-MS study for detection of „Spice“-ingredients in forensic psychiatry
Jörg Teske, Jens-Peter Weller, Urs-Vito Albrecht, Axel Weber
- P-53 Electrospray ionization tandem mass spectrometric determination of monomethylarsonic acid and dimethylarsinic acid after adduct formation with citric acid
Kayoko Minakata, Kunio Gonmori, Hideki Nozawa, Itaru Yamagishi, Sanae Kanno, Koutaro Hasegawa, Kanako Watanabe, Osamu Suzuki
- P-54 Measurement of dasatinib and imatinib in human plasma/serum by LC-MS/MS
Michelle Ann Birch, Patty Nooijen, Lewis Couchman, Phillip Edgar Morgan, Aloysius Ho, Robert James Flanagan
- P-55 Rapid screening and confirmation of six anticoagulant rodenticides in whole human blood using liquid chromatography tandem mass spectrometry
Hui Yan, Min Shen, Xianyi Zhuo
- P-56 Simultaneous determination of 14 oral antidiabetics in human plasma by electrospray ionization liquid chromatography/tandem mass spectrometry
Cornelius Hess, Frank Musshoff, Burkhard Madea
- P-57 Screening for and qualification of 20 hypotensive drugs in whole blood by liquid chromatography-tandem mass spectrometry
Bogdan Tokarczyk, Maria Kala
- P-58 Validation of an HTLC-MS/MS method for amiodarone and metabolite, and review of patient results
Christine Snozek, Jessica Erbsen, Loralie Langman
- P-59 Simultaneous and sensitive analysis of dasatinib, imatinib, norimatinib, and nilotinib in human plasma using Turboflow LC-MS/MS
Lewis Couchman, Patty Nooijen, Michelle Birch, Sarah Robinson, Robert Flanagan
- P-60 Ultra-performance liquid chromatographic method for measurement of voriconazole in human plasma
Rafael Linden, Marina Antunes, Paula Boeira, Alessandro Pasqualotto
- P-61 Quantitative analysis of 21 benzodiazepine drugs, zolpidem and zopiclone in serum using UPLC/MS/MS
Mark Roberts, Stephanie Marin, Gwen McMillin, Michelle Wood
- P-62 Determination of the most frequently used drugs in whole blood by using ultra performance liquid chromatography tandem mass spectrometry (UPLC/MS/MS)
Caroliene Boone, Beitske Smink, José Roque, Albert Dijkhuizen
- P-63 Stereoselective analysis of venlafaxine and its major metabolites in human plasma and whole blood by liquid chromatography-tandem mass spectrometry
Maria Kingbäck, Martin Josefsson, Louise Karlsson, Johan Ahlner, Finn Bengtsson, Fredrik C. Kugelberg, Björn Carlsson

- P-64 Validation and application of a rapid LC-MS/MS method for the enantioselective determination of methadone and EDDP in clinical serum samples
Michael Boettcher, Stefan Lierheimer, Olof Beck
- P-65 Turbulent flow chromatography as fast and reliable method for the quantitative determination of antipsychotic drugs with LC-MS/MS
Daniel Mueller, Katharina Rentsch
- P-66 LC-TOF screening technique for drugs of abuse – evaluation in authentic patient urine samples
Nicolai Stephanson, Aljona Saleh, Olof Beck
- P-67 Identification of remifentanyl and its metabolite by LC-quadrupole–time of flight mass spectrometry
Peter Stockham, Amanda Thompson, Heather Felgate, Karen Heath, Peter Felgate
- P-68 Screening analysis for drugs dangerous to road safety in whole blood using ultra performance liquid chromatography time-of-flight mass spectrometry (UPLC-TOFMS)
Rasmus Telving, Mette Findal Andreassen
- P-69 Determination of Salvinorin A and Salvinorin B in body fluids by LCMS-IT-TOF system
Marie Stankova, Roman Oros, Petr Kurka, Vladimira Gebauerova
- P-70 THCA-A – a new additional marker for illegal cannabis consumption
Lars Radünz, Folker Westphal, Edmund Maser, Gertrud Rochholz
- P-71 MRM² - a highly selective and sensitive technique for the determination of various xenobiotics in complex matrices
Jens Trafkowski, Jan Lembcke, Axel Besa
- P-72 Beta-glucuronidase-mediated reduction of temazepam and its glucuronide to diazepam
Shanlin Fu, Peter Bowron, Hongjie Wang, Michael Dawson
- P-73 Development of new methods for maninil analysis for forensic - chemical investigation of biological substrates
Mareta Ibragimova, Latif Ikramov
- P-74 Oxidation of MDMA in urine after exposure to bleach
Annie Pham, Shanlin Fu, Michael Dawson
- P-75 Drug cocktail poisoned twelve people in a psychiatric session: MDMC, MDMA and MDA were identified by the TOX.I.S
Thomas Grobosch, Lucie Dubugnon, Torsten Binscheck
- P-76 Structure-retention relationships for basic drugs separated on different GC phases
Linda Glowacki, Dimitri Gerostamoulos, Paul Wynne
- P-77 Oxidative adulterants and their influence on the detectability of drugs of abuse in urine by immunoassay and GC-MS
Frank Sporkert, Dorothee Nicolier, Magali Dovat-Sabatella, Marc Augsburg
- P-78 Minimising false positive results of 'Drugs of Abuse' in urine samples by GC-TOF/MS and novel target identification algorithms
Petra Gerhards, Juergen Sawazki, Pierre Schanen, Gerhard Horner, Luzia Schaaf
- P-79 Study of rapid chiral analysis of amphetamines in whole blood by GC-MS – Application of diatomaceous earth extraction
Hiroshi Fujii, Kenji Hara, Mitsuyoshi Kageura, Masayuki Kashiwagi, Aya Matsusue, Shin-ichi Kubo
- P-80 Simultaneous quantitation of amphetamines, cannabinoids, cocaine, and opiates in human urine by GC-MS
Jae Chul Cheong, Min Kyoung Kim, Sungll Suh, Yong Jun Suh, Moon Kyo In
- P-81 Detection of the synthetic drug 4-Fluoroamphetamine (4-FA) in serum and urine
Jörg Röhrich, Siegfried Zörntlein, Jürgen Becker, Thomas Kaufmann, Reinhard Urban
- P-82 Analysis of expanded sympathomimetic amines on single quadrupole GC/MS
Matthew Lambing, Jason Cole, Anton Mayer
- P-83 Intoxication with butylone and phenazepam among young cocaine users
Maria Teresa Pinorini-Godly, Frank Sporkert, Markus Schläpfer, Manuel Rusconi, Ario Conti
- P-84 High-throughput confirmation and quantitation of a THC metabolite in urine by GC/MS
Matthew Lambing, Jason Cole, Anton Mayer
- P-85 Simple and practical sample preparation for detection of triazolam in body material by gas chromatography-negative ion chemical ionization mass spectrometry
Kenji Hara, Masayuki Kashiwagi, Aya Matsusue, Tomoko Sugimura, Mitsuyoshi Kageura, Shin-ichi Kubo
- P-86 Determination of ibotenic acid and muscimol in urine of a person intoxicated with Amanita pantherina
Jan Stříbrný, Miloš Sokol, Barbora Merová, Petr Ondra
- P-87 Monolithic spin-column extraction and gas chromatography-mass spectrometry method for the simultaneous assay of diquat, paraquat, and feintrothion in human serum and urine
Takeshi Saito, Akira Namera, Yuko Yui, Shota Miyazaki, Akihiro Nakamoto, Sadaki Inokuchi
- P-88 Polychlorinated biphenyls in adipose tissue by GC/MS
Mariza Insaurralde, Arlene Schuller, Gustavo Diaz Gill, Renate Diaz Gill, Eleuterio Umpiérrez, Haydee Romero
- P-89 Determination of GHB in dried blood spots using a simple GC-MS method
Ann-Sofie Ingels, Willy Lambert, Christophe Stove
- P-90 Characterization of pentoxyverine and its metabolites in urine using GC/MS after intoxication with Silomat R cough drops
Jochen Stegk, Folker Westphal, Thomas Junge, Gertrud Rochholz, Andrea Neusüß, Lars Radünz
- P-91 Fast and simple HPLC-DAD analysis for TDM of voriconazole
Danielle Borrey, Veronique Engelrelst, Eric Nulens, Bart Gordts
- P-92 Development of methods for hexamine isolation and discovery from biological objects while forensic - chemical investigation
Jalilov Fazliddin, Mansur Tojiyev
- P-93 Internet based computer processing of thin-layer chromatography data in systematic toxicological analysis
Rafael Linden, Estefânio Kellermann
- P-94 Analysis of oral antidiabetic drugs by TOXI-LAB's thin-layer chromatographic method
Mareta Ibragimova, Ilhom Akhmedjanov
- P-95 Stability of diazepam and bromazepam in various samples at different storage conditions
Vasil Atanasov, Atanas Runiov, Silviya Stoykova, Tsvetelina Dimitrova, Mariana Mitewa
- P-96 Does the application of propanols used for hand disinfection affect the congeners analysis?
Harald Below, Elke Below, Britta Bockholdt, Nora Bieber, Thomas Nicolai, Alexander Usche, Ojan Assadian, Günter Kampf, Wolfram Parzefall, Axel Kramer
- P-97 Correlation between exhaled carbon monoxide and self-reported smoking status with urinary cotinine
Guilherme Petersen, Laura Marder, Carlos Leite, Julia Machado, Flavia Thiesen, Jose Miguel Chatkin
- P-98 Intoxication by thallium
Petr Kurka, Marie Stankova, Jana Kubackova, Vladimira Gebauerova
- P-99 Lead exposure - A case study of Indian bangle makers
Yeshvandra Verma, S.V.S. Rana

Topic: Drug Metabolism and Kinetics:

- P-100 In vitro metabolism of the emerging drug candidate S107 in preventive doping research
Simon Beuck, Wilhelm Schänzer, Mario Thevis
- P-101 Residue and microsomal P450 analysis of ACTP-ester in goat
Chittaranjan Sahu, Biplab Bagchi
- P-102 Stereoselective disposition of venlafaxine and its major metabolites in postmortem femoral blood in relation to CYP2D6 polymorphism
Louise Karlsson, Maria Kingbäck, Anna-Lena Zackrisson, Björn Carlsson, Martin Josefsson, Finn Bengtsson, Johan Ahlner, Fredrik Kugelberg
- P-103 Analysis of quetiapine metabolites in patient samples using high-performance liquid chromatography/tandem mass spectrometry
Danielle S. Fisher, David Taylor, Phillip E. Morgan, Robert J. Flanagan
- P-104 The metabolism and excretion of quinine by the greyhound
Linda Glowacki, Dimitri Gerostamoulos, Paul Wynne
- P-105 Species differences in the metabolism of Phalaris alkaloids
Paul Wynne, Linda Glowacki, Dimitri Gerostamoulos
- P-106 Quantification of daptomycin with LC-MS/MS in plasma samples of patients undergoing continuous veno-venous hemodiafiltration
Katharina Rentsch, Ursula Gutteck-Amsler, Natascia Corti, Alain Rudiger, Marco Maggiorini

Topic: Hormones in Doping Control and Forensics

- P-107 Validation of a GC/MS method for the detection of two quinolone-derived selective androgen receptor modulators in doping control analysis
Enrico Gerace, Alberto Salomone, Renzo Costa, Antonella Di Stilo, Marco Vincenti
- P-108 Determination of new doping substances by LC-MS/MS using various urine preparation methods
Irina I. Sukhanova, Marina A. Dikunets, Sergey L. Bolotov, Grigory M. Rodchenkov
- P-109 Common LC-MS/MS fragment ions of prohibited substances for target and non-target doping analysis
Svetlana Appolonova, Natalia Mesonzhnik, Dasha Brazhnikova, Gregory Rodchenkov
- P-110 High resolution and high mass accuracy: A new approach for screening in doping control analysis
Benedicte Duret, Yves Moulard, Yves Bonnaire, Sarah Robinson, Samuele Scurati
- P-111 Development of an automated LC-TOFMS screening method for the identification and confirmation of doping agents in urine
Juan Carlos Domínguez-Romero, Juan Francisco García-Reyes, Antonio Molina-Díaz
- P-112 Quantitation of testosterone esters in oil-based injectables with micellar electrokinetic chromatography (MEKC-DAD)
Matthias Balsam, Diana Domke, Thomas Knepper, Michael Pütz
- P-113 Possible biomarkers of Synacthen abuse by athletes
Svetlana Appolonova, Grigory Rodchenkov
- P-114 Effects of endurance exercise on the urinary proteome analyzed by 2D-PAGE and Orbitrap mass spectrometry
Katja Walpurgis, Maxie Kohler, Andreas Thomas, Markus de Marées, Joachim Mester, Wilhelm Schänzer, Mario Thevis

Topic: Alternative Matrices

- P-115 "Peri-analytics" reference ranges for drug screening in oral fluid using the Greiner-Bio-One collection device
Michael Boettcher, Andreas Preidel, Olof Beck
- P-116 Performance evaluation of DAT oral fluid amphetamines, methamphetamine, opiates and phencyclidine assays on Roche Hitachi
D. Kuntz, M. Meixner, K. Armstrong, B. Masters, Mary-Jane Coffing, I. Domke, C. Beck
- P-117 Investigation of salivary pH after different foods and drinks: Effects on immunoassay screening
Eva Maria Reichardt, Dene Baldwin, David Osselton
- P-118 A sensitive method to detect and quantify Δ^9 -THC in oral fluid by liquid chromatography-tandem mass spectrometry
Anna Molnar, Shanlin Fu, Philip Doble, John Lewis
- P-119 The use of F-SPE/ Fast LC-MS/MS for analyzing low level THC in oral swabs
Jeffery Hackett, Albert Elian, Michael Telepachak
- P-120 The determination of cathinone in oral fluid by LC-MS-MS as part of a workplace testing program
Peter Akrell, Claire George
- P-121 Rapid screening and UPLC/MS-MS toxicological analysis of oral fluid for diagnosis of acute intoxication in emergency
Paola Cassandro, Anna Carfora, D. Di Candia, F. Lodi, C. Volpe, Renata Borriello
- P-122 Oral fluid results compared to self reports of recent illicit drug use by methadone maintenance patients
Edward Cone
- P-123 Detection of paraquat in oral fluid by capillary electrophoresis for diagnosis of acute poisoning
Rafael Lanaro, José Luiz Costa, Luciane C.R. Fernandes, Marina M.F. Tavares, Alice Ap.M Chasin
- P-124 Retrospective analyses of immunoassay results in hair
Katrin M Kirschbaum, Caroline Herzfeld, Katrin Graumann, Hans Sachs, Frank Musshoff, Burkhard Madea
- P-125 Simultaneous analysis of psychotropic phenylalkylamines in oral fluid by GC/MS with automated SPE
Hyeyoung Choi, Seungkyung Baek, Moonhee Jang, Hwakyung Choi, Heesun Chung
- P-126 Hair testing and self-report of cocaine use
Claudia Vignali, Cristiana Stramesi, Micol Vecchio, Angelo Groppi
- P-127 Measurement uncertainty in quantitative segmental analysis of hair for cocaine and benzoyllecgonine
Marc LeBeau, Madeline Montgomery, Cynthia Morris-Kukoski, Jason Schaff
- P-128 Products of cocaine and hydrogen peroxide reactions
Mark L Miller, Sarah Himes, Madeline A Montgomery, Marc A LeBeau, Roman Aranda IV
- P-129 Combined analysis of meconium and maternal hair. A case report
Merja Gergov, Johanna Ristimaa, Ilkka Ojanperä
- P-130 A sensitive determination of benzodiazepines in hair and nail with ultra-performance liquid chromatography-tandem mass spectrometry
Rina Kaneko, Azusa Uchida, Tatsushi Mizutani, Tadashi Ogawa, Hideki Hattori, Hiroshi Seno, Osamu Suzuki, Akira Ishii
- P-131 Diazepam, nordiazepam and oxazepam in hair samples collected from newborn twins
Wojciech Lechowicz, Roman Stanaszek, Wojciech Piekoszewski, Ewa Florek
- P-132 Investigation of the factors affecting endogenous GHB concentrations in human hair
Samar Alzeer, Samar Alzeer, David Watson, Elizabeth Ellis

- P-133 Time resolved analysis of quetiapine and 7-OH-quetiapine in hair using LC/MS-MS
Stephanie Teodoro, Serge Schneider, Michel Yegles
- P-134 Evidence of Haldol (haloperidol) long-term intoxication
Enrico Gerace, Alberto Salomone, Marco Vincenti, Sergio Pellegrino
- P-135 Evaluation of copper levels in hair and liver samples obtained from Wilson's Disease patients
Serap Annette Akgur, Hasan Ertas, Levent Elibol, Nuri Idiz, Gorkem Yararbas, Maşallah Baran, Çiğdem Arıkan, Sema Aydoğdu
- P-136 Investigation of hair as a marker for the detection of diabetes mellitus
Mareta Ibragimova, Makhmudjon Shakhitov
- Topic: Postmortem Toxicology**
- P-137 Blue pieces of unknown substance in the stomach: An interesting unnatural death investigation
Maria Afxentiou Stylianou, Katerina Liveri, Nantia Kolokassidou, Anna Krashia, Myriam Frantzi, Eleni Procopiou, Popi Kanari
- P-138 Intentional suicide by formic acid ingestion
Jennifer Button, Rachael Jones, Frank Tames, Sebastian Lucas, David W. Holt
- P-139 A fatal intoxication by chloroprene
Annette Rickert, Bernd Kardel, Johanna Teloh, Benno Hartung, Thomas Daldrup
- P-140 Fatal tolperisone poisoning: autopsy and toxicology findings in three suicide cases
Frank Sporkert, Christophe Brunel, Marc Augsburg, Patrice Mangin
- P-141 Case report: suicidal ephedrine-caffeine blend ingestion
Viktor Vorisek, Lenka Zatopkova, Lenka Prochazkova, Vladimir Palicka, Vilma Habrdova, Lenka Haklova
- P-142 Two fatalities involving pregabalin
Jennifer Button, David Berry, David W. Holt
- P-143 Suicide by hanging under the influence of ketamine and ethanol
Ricardo Jorge Dinis-Oliveira, Félix Carvalho, José Alberto Duarte, Ricardo Dias, Teresa Magalhães, Agostinho Santos
- P-144 Distribution of embutramide and mebenzonium iodide in a suicidal death after Tanax® injection
Luca Morini, Fulvia Pozzi, Enrico Rizzo, Claudia Vignali, Angelo Groppi
- P-145 Detection of nalbuphine in postmortem samples
Wagdy Abd-elmeged Soliman
- P-146 Fatal poisoning with *Taxus baccata*: Identification of monohydroxy-taxine, monohydroxy-monoacetyl-taxine and monohydroxy-diacetyl-taxine in postmortem specimens by liquid chromatography-electrospray ionization-tandem mass spectrometry
Thomas Keller, Wolfgang Bicker, Fabio Monticelli, Hans Sachs, Thomas Ketterer
- P-147 Fatal poisoning with *Aconitum napellus* extract: Quantification of aconitine and identification of related alkaloids by liquid chromatography – electrospray ionization – tandem mass spectrometry
Wolfgang Bicker, Fabio Monticelli, Hans Sachs, Thomas Ketterer, Thomas Keller
- P-148 Death linked to an uncommon fungus: Kombucha
Frédéric Aknouche, Thierry Besnard, Robert Buti, Henri-Pierre Duval, Gérald Quatrehomme
- P-149 Comparison of blood-amphetamine concentration in drug poisoning deaths with people arrested for driving under the influence of this stimulant in Sweden
Johan Ahlner, Anita Holmgren, Wayne Jones
- P-150 A preliminary investigation on the distribution of cannabinoids in man
Antonia Gronewold, Gisela Skopp
- P-151 Estimating the time of last cannabis use from post mortem whole blood Δ^9 -THC and 11-nor-9-carboxy- Δ^9 -THC concentrations
Walter Martz
- P-152 Determination of venlafaxine in post-mortem whole blood by HS-SPME and GC-NPD
Orthodoxia Mastrogianni, Konstantina Spagou, Teresa Henriques, Diva Violante, Nikolaos Raikos, Georgios Theodoridis, Athanasios Pouliopoulos, Antonios Tzikas, Konstantinos Psaroulis, Fotios Chatzinikolaou, Elisavet Thessalonikeos, Heleni Tsoukali
- P-153 Highly sensitive UFLC-MS/MS analysis of fentanyl and norfentanyl in different post-mortem matrices: seven forensic case studies
Ruth Verplaetse, Eva Cuypers, Coralie Silvestre, Dieter Waumans, Jan Tytgat
- P-154 Quantification in post-mortem blood, and identification in urine, of tramadol and its two main metabolites in two cases of lethal tramadol intoxication
Benjamin De Backer, Françoise Renardy, Raphaël Denooz, Corinne Charlier
- P-155 Concentrations of morphine, codeine and 6-monoacetyl morphine in femoral blood in heroin-related deaths compared with apprehended drivers
Anita Holmgren, Johan Ahlner, Alan Wayne Jones
- P-156 An UPLC-MS/MS method for the determination of valproic acid in blood of a fatal case of intoxication
Paula Proença, João Miguel Franco, Carla Mustra, Mariana Marcos, Ana Rita Pereira, Francisco Corte-Real, Duarte Nuno Vieira
- P-157 The Lady in the Bath Water: A Propofol Assisted Death
William Allender, Stuart Anderson, Susan Jennings and Judy Perl
- P-158 Evaluation of carboxyhemoglobin in carbonized victims submitted to postmortem examination at the Institute of Legal Medicine of Sao Paulo, Brazil
Vilma Leyton, Maria de Lourdes SC Strombeck, Mario Jorge Tsuchiya, Paulo Dirceu Luchini, Jose Arnaldo Soares-Vieira, Julio Ponce, Daniel Romero Muñoz
- P-159 Quantitative analysis of methadone and EDDP in a single puparial case of blowflies (Diptera, Calliphoridae, *Lucilia sericata*.) using UPLC-MS/MS
Matthias Gosselin, Vincent Di Fazio, Sarah M. R. Wille, Nele Samyn, Benoit Bourel, Pierre Rasmont
- P-160 Deaths involving selective serotonin reuptake-inhibitors
Jennifer L. Pilgrim, Dimitri Gerostamoulos, Olaf H. Drummer
- P-161 A five years retrospective study of acute poisoning cases investigated by The Forensic Laboratory of Ministry of Justice in Upper Egypt
Nady Saved Aly
- P-162 Twenty years of heroin-related death statistics: how the Victorian drug scene has changed
Jessica Woods, Dimitri Gerostamoulos, Olaf Drummer
- P-163 Presence of ethanol in suicidal deaths: a 12 year study in Epirus, North-western Greece
Vassiliki Boumba, Kleo Fragkouli, Theodore Vougiouklakis
- P-164 The impact of post-mortem redistribution on the blood concentrations of therapeutic drugs
Pierre-Yves Tremblay, Michel Lefebvre, Lyse Lefebvre
- P-165 Microbial ethanol production: Experimental study and multivariate evaluation
Vassiliki Boumba, Vangelis Oikonomou, Nikos Kourkoumelis, Panagiota Gousia, Chrissanthy Papadopoulou, Theodore Vougiouklakis

- P-166 Genetic analysis of rhabdomyolysis-associated genes and immunohistochemical study of myoglobin in the kidney in autopsy cases of methamphetamine abusers
Aya Matsusue, Kenji Hara, Masayuki Kashiwagi, Mitsuyoshi Kageura, Tomoko Sugimura, Shin-ichi Kubo
- Topic: Forensic Chemistry**
- P-167 Identification of 1-butyl-3-(1-(4-methyl)naphthoyl)indole in a "SPICE"-like herbal mixture
Folker Westphal, Frank Sönnichsen, Simone Thiemt
- P-168 Identification of new synthetic cannabinoids in herbal mixtures
Wonkyung Yang, Sanggil Choe, Younan Park, Hwakyung Choi, Heesun Chung
- P-169 Non-Cannabinoids: identification of CB1 and CB2 selective ligands in an herbal blend (Mojo)
Marilisa Ferri, Roberto Mencarelli, Federica Mentrasti, Raffaele Giorgetti, Adriano Tagliabracci
- P-170 GC-MS detection and quantification of the non traditional cannabinoids JWH-018 and JWH-073 in a commercial herbal mixture
Jennifer Pascali, Claudia Rimondo, Giovanni Serpelloni, Franco Tagliaro
- P-171 Applications of desorption-electrospray-ionization-mass spectrometry (DESI-MS) in forensic toxicology
Christoph Härtel, Michael Pütz, Nathalie Martin, Uwe Karst
- P-172 Direct analysis of cannabis by thermal desorption counter-flow introduction atmospheric pressure chemical ionization mass spectrometry
Hiroyuki Inoue, Hiroaki Hashimoto, Susumu Watanabe, Yuko T. Iwata, Kenji Tsujikawa, Tatsuyuki Kanamori, Hajime Miyaguchi, Kenji Kuwayama, Takefumi Yokokura, Masuyoshi Yamada
- P-173 Characteristics of cannabinoids composition of Cannabis plants grown in Northern Thailand and its forensic application-Part II: second generation studies
Prapatsorn Tipparat, Dr.Surapol Natakankitul, Pipop Chamnivikaipong, Sirot Chutiwat
- P-174 Standardised analysis of cannabis products for the determination of the total Δ^9 -THC content
Franz Dussy, Luginbuehl Marco, Thomas Briellmann
- P-175 Organic adulterants present in crack's seizure of São Paulo - Brazil
André Fucushima, Alice Chasin, Virginia Carvalho, Débora Carvalho, Ernesto Diaz, Mariana Portugal
- P-176 Purity of "Street" ketamine preparations retrieved from night club amnesty bins in London
Eva Maria Reichardt, John Ramsey, David Osselton
- P-177 Impurity profiling of methamphetamine by cross-matching test using liquid-liquid extraction and automated solid-phase microextraction
Jaesin Lee, Yonghoon Park, Heesun Chung, Hiroyuki Inoue, Kenji Kuwayama, Eunmi Kim, Yujin Park, Jeonghill Park
- P-178 Online availability of designer drugs: Do you get what you pay for?
Susannah Davies, Gareth Smith, David Wood, Jennifer Button, John Ramsey, David W. Holt, Paul I. Dargan
- P-179 Judicial-chemical research of some neuroleptics
Roman Kalekin, Evgenie Salomatin, Viktoria Kalekina, Alla Volkova
- P-180 Simultaneous analysis of alpha-amanitin, beta-amanitin and phalloidin in toxic mushrooms by liquid chromatography coupled to time-of-flight mass spectrometry
Walid Ahmed, Kunio Gonmori, Masako Suzuki, Hideki Nozawa, Itaru Yamagishi, Sanae Kanno, Koutaro Hasegawa, Kayoko Minakata, Kanako Watanabe, Osamu Suzuki
- P-181 Determination of atropine and scopolamine contents in *Datura wrightii*, an ornamental plant often present in public parks
Patrick Mura, Sarah Chollet, Bertrand Brunet
- P-182 Standardized GC-MS (EI) procedure for monitoring the detection and identification performance applied to herbal remedies
Thomas J. Mahier, Inaam J. Al-Doush, Athra Al-Shaikh, Mohammed Al-Tufail, Maciej J. Bogusz
- Topic: Alcohol Markers**
- P-183 Implementation of ultra-high resolution mass spectrometer Exactive™ for analysis of EtG and EtS in human urine
Kent Johnson, Marta Kozak
- P-184 Extraction of ethyl glucuronide (EtG) using a new resin-based mixed-mode strong anion exchange SPE sorbent prior to LC-MS/MS analysis
Rhys Jones, Lee Williams, Helen Lodder, Steve Jordan, Steve Plant, Richard Calverley, Claire Desbrow, Gary Dowthwaite
- P-185 Optimizing the detection of alcohol consumption: Screening for urinary ethyl glucuronide in addition to common alcohol markers in the blood
Hilke Andresen, Niels Tobias, Stefanie Iwersen-Bergmann, Alexander Mueller, Bjoern Nashan, Martina Sterneck, Katharina Stauer
- P-186 Determination of ethyl glucuronide in hair samples of Chinese people by large volume injection- gas chromatography-tandem mass spectrometry (LVI-GC/MS/MS)
Baohua Shen, Yan Shi, Hui Yan, Ping Xiang, Min Shen
- P-187 Carbohydrate Deficient Transferrin (CDT) is effective in identifying alcohol abuse also below the usual reference limits. Re-assessment of the reference limit
Federica Bortolotti, Daniela Sorio, Franco Tagliaro
- Topic: Recent Developments in LC-MS Screening**
- P-188 Determination of acidic and neutral therapeutic drugs in human blood by liquid chromatography-electrospray tandem mass spectrometry
Lambert K. Sorensen
- P-189 Unknown screening for toxic compounds and drugs in plasma and urine based on LC-MS/MS
Samuele Scurati, Cecilia Gechtman, Benedict Duretz, Sarah Robinson, Adriano Masarin
- P-190 Evaluation of two alternative UPLC-MS approaches as potential replacements for the REMEDI HS drug profiling system
Michelle Wood, Robert Lee, Mark Roberts, Nayan Mistry
- P-191 Toxicological screening of basic drugs in whole blood using a new UPLC-QTOF-MS method
Petur Weihe Dalsgaard, Brian Schou Rasmussen, Kristian Linnet
- P-192 Development and practical application of a CID mass spectra library of toxic compounds for systematic toxicological analysis by LC-QTOF-MS
Sebastian Broecker, Sieglinde Herre, Bernhard Wuest, Fritz Pragst
- P-193 A comparison of methods for the determination of xenobiotics in biological samples: Multiple Reaction Monitoring (MRM) vs. General Unknown Screening (GUS)
Brad Patterson, Jochen Beyer, Dimitri Gerostamoulos, Olaf Drummer
- P-194 Development of an automated MS-based screening procedure for clinical and forensic toxicology
Jürgen Kempf, Susanne Vogt, Sebastian Götz, Birgit Schneider, Petra Decker, Anna Sandhaas, Wolfgang Weinmann, Carsten Baessmann
- P-195 Comparison of forensic multi-target screening and unknown screening on an LC/MS/MS system with automatic library searching for compound identification
Jens Trafkowski, Pauline Vollmerhaus, André Schreiber

- P-196 Optimizing library search performances for LC-MS/MS: SmileMS to cope with spectral variability and instrumentation heterogeneity
Pierre-Alain Binz, Roman Mylonas, Yann Mauron, Annette Jordan, Bernard Favrat, Marc Augsburg, Alexandre Masselot, Nicolas Budin

Various Topics

- P-197 MDMA and MDA induced oxidative stress in brains of mice
Luka Marumo, Sachiko Tanaka, Satoshi Numazawa, Takemi Yoshida
- P-198 Effects of synthetic cannabinoids on electroencephalogram power spectra in rats
Nahoko (Otani) Uchiyama, Ruri Kikura-Hanajiri, Naomi Matsumoto, Zhi-Li Huang, Yoshihiro Urade, Yukihiko Goda
- P-199 Evaluation of the efficacy of the aqueous extract of *Senna occidentalis* in the amelioration of tetracycline-induced hepatotoxicity and nephrotoxicity in rabbits
Gafer Ahmed, Melanie Abongwa, Oluwadamilola Arowolo
- P-200 Workplace drug testing performed in Naples (Italy) between 2000-2009
Renata Borriello, Anna Carfora, Anna Cucciardi, Raffaella Petrella, Luisa Russello, Paola Cassandro
- P-201 Prevalence of drug abuse amongst workers in Italy. Results and evaluations after the recent enforcement of the National Workplace Drug Testing Law
Isabel Kazanga, Silvia Tameni, Alberto Piccinotti, Ivan Floris, Gabriele Zanchetti, Aldo Polettini

- P-202 Hospital effluents as a problematic source of anthropogenic metals
Jean-Pierre Goullé, Christian Lacroix, Elodie Sausseureau, Loïc Mahieu, Dominique Cellier, Joël Spiroux, Michel Guerbet
- P-203 The usefulness of commercial quantitation software in ibogaine LC-MS/MS analyses
Gordana Koželj
- P-204 Reference materials for drugs of abuse testing in pharmacotoxicology: freeze-dried urine samples
Simona Pichini, Stefano Bompadre, Francesco Brandimarti, Raffaele Giorgetti
- P-205 The accuracy profile: a universal and essential tool in forensic toxicology
Aurélien Thomas, Julien Déglon, Estelle Lauer, Christèle Widmer, Christian Staub
- P-206 An acute case of intoxication with Microcystin in recreational water in Argentina. Clinical parameter and interrelation with the exposure to Microcystin-LR in mice
L. Giannuzzi, D. Sedan, D. Andrinolo, L. Telese

Poster Presenter Attendance at Posters:

- Poster 1-50, Monday, afternoon coffee break
Poster 51-100, Tuesday, morning coffee break
Poster 101-150, Tuesday, afternoon coffee break
Poster 151-206, Wednesday, morning coffee break

AUTHORS INDEX

A

Abd-elmeged Soliman, W.
P145
Abongwa, M. P199
Aebi, B. P21
Afxentiou Stylianou, M. P137
Agius, R. O9
Ahlnér, J. O44, O67, P63,
P102, P149, P155
Ahmed, W. P180, P199
Akgur, S. P135
Akhmedjanov, I. P94
Aknouche, F. O15, O53, P148
Akrill, P. P120
Al-Asmari, A. O73
Albermann, M. O82
Albrecht, U. P52
Alcaraz, R. O70
Allender, W. P157
Al-Doush, I. P182
Al-Shaikh, A. P27, P182
Al-Tufail, M. P27, P182
Alzeer, S. P132
Ambach, L. O30
Anderson, R. O23, O73
Anderson, S. P157
Andreasen, M. P68
Andresen, H. P185
Andreuccetti, G. P3, P7
Andrinolo, D. P206
Ane, A. O11
Antunes, M. P60
Appenzeller, B. O83
Appolonova, S. P109, P113
Aranda IV, R. P128
Arikan, Ç. P135
Armstrong, K. P116
Arowolo, O. P199
Assadian, O. P96
Atanasov, V. P95
Athanasiadou, F. P15
Augsburger, M. O6, O80, P77,
P140, P196
Auwärter, V. O12, O42
Aydoğdu, S. P135
Ayer, A. P45

B

Baeck, S. P125
Baessmann, C. O84, P194
Bagchi, B. P101
Bakdash, A. O59
Baldwin, D. P117
Ballesteros, S. O70
Balsam, M. P112
Baran, M. P135
Barguil, Y. O71
Barnes, A. O50
Bassan, D. O22
Baumgartner, M. O14, O32
Beck, C. P38, P39, P116
Beck, O. O56, P64, P66, P115
Becker, J. P10, P81
Beike, J. O37
Bell, R. P1, P34, P35
Below, E. P96
Below, H. P96
Benchikh, M. P28, P29, P30,
P31, P32, P33
Bender, K. O37, P44
Bengtsson, F. P63, P102
Benton, S. P41, P48
Berry, D. P142
Bertaso, A. O86
Besa, A. P71
Besnard, T. O15, O53, P148
Beuck, S. O48, O49, P100
Beyer, J. O1, O7, O8, O62,
O64, P193
Bicker, W. P146, P147
Bieber, N. P96
Bima, M. P46
Binscheck, T. O25, O30, P20,
P75
Binz, P. P196
Birch, M. P54
Birch, M. P59
Bockholdt, B. P96
Boeira, P. P60
Boettcher, M. P64, P115
Bogusz, M. P27, P182
Bolotov, S. P108
Bompadre, S. P204
Bonnaire, Y. P110
Boone, C. P62
Boorman, M. O7, O8

Bornatsch, W. O49
Borrey, D. P91
Borriello, R. P121, P200
Bortolotti, F. P187
Bosker, W. O10
Bosman, I. P11
Boumba, V. P163, P165
Bourel, B. P159
Bourland, J. P43
Bowron, P. P72
Brandimarti, F. P204
Brazhnikova, D. P109
Brewer, J. O19
Brewer, W. P26
Briellmann, T. P174
Brinkhagen, L. O81
Broecker, S. O59, O88, P192
Brunel, C. P140, O11, P181
Budin, N. P196
Bui, H. O26
Buti, R. O15, P148
Button, J. P138, P142, P178
Butzbach, D. O63
Byard, R. O63
Byrska, B. O76

C

Calverley, R. P17, P18, P19,
P184
Campbell, J. P1, P34, P35
Carfora, A. P121, P200
Carlsson, B. P63, P102
Carmosino, N. P36
Carvalho, D. P175
Carvalho, F. P143
Carvalho, H. P3
Carvalho, V. P175
Carvalho Ponce, J. P3
Cassandro, P. P121, P200
Causon, J. P50
Cecchetto, G. O5
Cellier, D. P202
Ceral, J. P46
Chamnivikaipong, P. P173
Charlier, C. P154
Chasin, A. P123, P175
Chatkin, J. P97
Chatzinikolaou, F. P152
Chen, B. O31, O31

Cheong, J. P80
Cherpitel, C. P3
Cheze, M. O71
Choe, S. P168
Chofflet, J. O53
Choi, H. P125, P168
Chollet, S. P181
Choo, R. O55
Chu, M. O7
Chung, H. P125, P168, P177
Chutiwat, S. P173
Clabaugh, M. O38
Coffing, M. P38, P39, P116
Cole, J. P82, P84
Collins, J. P38, P39
Concheiro, M. O52
Cone, E. P122
Conti, A. P83
Corte-Real, F. P156
Corti, N. P106
Costa, J. P9, P123
Costa, R. P107
Couchman, L. P54, P59
Coulter, C. O2, P43
Cucciardi, A. P200
Cusack, P. P36
Cuypers, E. P153
Czoelder, J. O74

D

Dai, J. P40
Daldrup, T. P139
Dalsgaard, P. P191
Danielson, T. O72
Dargan, P. P178
Davies, S. P178
Dawson, M. P72, P74
De Backer, B. P154
de Castro, A. O55
De Marées, M. P114
De Martinis, B. P7
De Paoli, G. O51
Decker, P. O84, P194
Dégion, J. P205
del Peso, A. O66
Denooz, R. P154
Desbrow, C. P17, P18, P19,
P184
Deveaux, M. O71

Di Candia, D. P121
 Di Corcia, D. O17, O79
 Di Fazio, V. P159
 Di Stilo, A. P107
 Dias, M. P6
 Dias, R. P143
 Diaz, E. P175
 Díaz Gill, G. P88
 Díaz Gill, R. P88
 Dijkhuizen, A. P62
 Dikunets, M. P108
 Dimitrova, T. P95
 Dinis-Oliveira, R. P143
 Doble, P. P118
 Dominguez-Romero, J. P111
 Dominowski, A. P37
 Domke, D. P112
 Domke, I. P38, P39, P116
 Donnelly, E. P35
 Dovat-Sabatella, M. P77
 Dowthwaite, G. P17, P18,
 P19, P184
 Dresen, S. O42
 Drummer, O. O1, O7, O8,
 O62, O64, O69, P160, P162,
 P193
 Du, P. O41
 Duarte, J. P143
 Dubugnon, L. P75
 Dufaux, B. O9
 Duret, B. P22, P23, P24,
 P110, P189
 Dussy, F. P174
 Duval, H. O15, O53, P148

E

Edwards, R. P36
 Eklund, A. O44
 Elian, A. P119
 Elibol, L. P135
 Ellis, E. P132
 Engelmann, C. O4
 Engelreist, V. P91
 Erbsen, J. P58
 Erdmann, F. O22
 Ertas, H. P135
 Escobar, L. O66
 Ewald, A. O77

F

Fabian, P. P14
 Fanger, M. O32
 Favrat, B. P196
 Favretto, D. O5, O13
 Fazliddin, J. P92
 Felgate, H. P67
 Felgate, P. O60, P67
 Fernandes, L. P123
 Fernandez, J. P36
 Ferrara, S. O5, O13
 Ferri, M. P169
 Fieseler, S. O45
 Fino, M. P2
 Fischer, G. P36
 Fisher, D. P103
 Fitzgerald, S. P1, P28, P29,
 P30, P31, P32, P33, P34,
 P35
 Flanagan, R. P54, P59, P103
 Florek, E. P131
 Flores, F. P41, P48
 Floris, I. P201
 Fonseca, S. P6
 Foster, F. P26
 Fouracre, C. O60
 Fragkouli, K. P163
 Franco, J. P156
 Frantzi, M. P137
 Frassanito, R. O13
 Fu, S. P72, P74, P118
 Fucushima, A. P175
 Fujii, H. P79
 Fujishiro, M. P25
 Fukushima, H. O75

G

Garcia-Repetto, R. O66
 Garcia-Reyes, J. P111
 Gareri, J. O83
 Gasser, M. P21
 Gebauerova, V. P69
 Gebauerova, V. P98
 Gechtman, C. P22, P23, P189
 George, C. P120
 Gerace, E. O17, O48, P107,
 P134
 Gergov, M. O54, P129
 Gerhards, P. P78

Gerostamoulos, D. O1, O7,
 O8, O62, O64, O69, P76,
 P104, P105, P160, P162,
 P193
 Geyer, H. O49
 Giannuzzi, L. P206
 Gika, H. P15
 Gimenez, M. O66
 Giorgetti, R. P169, P204
 Glowacki, L. P76, P104, P105
 Gluodenis, T. P26
 Gnann, H. O4
 Goda, Y. O34, P198
 Gonçalves, N. P6
 Gonmori, K. P53, P180
 Gonzalez, A. O66
 Goodwin, R. O50
 Gordts, B. P91
 Gorelick, D. O50
 Gosselin, M. P159
 Gottardo, R. O86
 Götz, S. P194
 Goullé, J. P202
 Gousia, P. P165
 Graumann, K. P124
 Grobosch, T. O25, O30, P20,
 P75
 Gronewold, A. P150
 Groppi, A. P2, P126, P144
 Gruber de Oliveira, K. P7
 Guerbet, M. P202
 Guglielmello, R. O32
 Guo, M. P40
 Gutteck-Amsler, U. P106
 Gygax, D. P42

H

Haase, W. P38, P39
 Habrdova, V. P46, P141
 Hackett, J. P119
 Haklova, L. P141
 Hara, K. P79, P85, P166
 Härtel, C. P171
 Hartung, B. P139
 Harun, N. O23
 Hasan, L. P42
 Hasegawa, C. P25
 Hasegawa, K. P53, P180
 Hashimoto, H. P51, P172
 Hattori, H. P130
 Heath, K. P67

Helen, T. P15
 Henriques, T. P152
 Herbstreit, F. O36
 Herre, S. O59, P192
 Herzfeld, C. P124
 Hess, C. O46, P56
 Hidvegi, E. P14
 Hilger, R. O36
 Himes, S. P128
 Ho, A. P54
 Hoffmann, K. O78
 Hoizey, G. O71
 Holmgren, A. O67, P149,
 P155
 Holt, D. P138, P142, P178
 Hopfgartner, G. O61
 Horner, G. P78
 Huang, Z. P198
 Huestis, M. O50, O52, O55
 Huynh, K. P43

I

Ibragimova, M. P73, P94,
 P136
 Idiz, N. P135
 Ikramov, L. P73
 In, M. P80
 Ingels, A. P89
 Inokuchi, S. P87
 Inoue, H. O75, P51, P172,
 P177
 Insaurralde, M. P88
 Isalberti, C. P4, P5
 Ishii, A. P130
 Ishimaru, M. P51
 Iwata, Y. O75, P172
 Iwersen-Bergmann, S. P185

J

Jamey, C. P13
 Jang, M. P125
 Jemionek, J. O21
 Jennings, S. P157
 Jermann, T. P42
 Jöchle, W. P42
 Johns, B. P41
 Johnson, R. O55, P183
 Jones, A. O67, P155
 Jones, H. O55

- Jones, R. P17, P18, P19, P138, P184
 Jones, W. P149
 Jordan, A. P196
 Jordan, S. P17, P18, P19, P184
 Jørgensen, K. O57
 Josefsson, M. P63, P102
 Juebner, M. O37, P44
 Junge, T. P90
 Jurado, C. O66
- K**
- Kageura, M. P79, P85, P166
 Kahl, H. O9
 Kahn, T. P3
 Kala, M. P57
 Kalekin, R. P179
 Kalekina, V. P179
 Kampf, G. P96
 Kanamori, T. O75, P172
 Kanari, P. P137
 Kaneko, R. P130
 Kanno, S. P53, P180
 Kanogsunthornrat, J. O39
 Kardel, B. P139
 Karlsson, L. P63, P102
 Karst, U. P171
 Kashiwagi, M. P79, P85, P166
 Kauert, G. O10
 Kaufmann, T. P10, P81
 Kawamura, M. O34
 Kazanga, I. P201
 Keller, T. P146, P147
 Kellermann, E. P93
 Kempf, J. P194
 Kerner, A. P14
 Ketterer, T. P146, P147
 Kharbouche, H. O80
 Khoso, A. P8
 Kikura-Hanajiri, R. O34, P198
 Kim, E. P177
 Kim, M. P80
 King, S. P48
 Kingbäck, M. P63, P102
 Kintz, P. O65
 Kirschbaum, K. P124
 Klette, K. O26
 Klÿs, M. O16
 Knepper, T. P112
 Kobus, H. O63
- Kohler, M. O47, P114
 Köhler, C. O25, P20
 Kohls, S. O33
 Kolbrich-Spargo, E. O50
 Kolokassidou, N. P137
 König, S. P21
 Kopp, A. P10
 Koren, G. O83
 Kourkoumelis, N. P165
 Kourtis, I. O8
 Kozak, M. P183
 Koželj, G. P203
 Kraemer, T. O14, O32, O61, O77
 Kramer, A. P96
 Krashia, A. P137
 Kronstrand, R. O81
 Krüll, R. O22
 Kubackova, J. P98
 Kubo, S. P79, P85, P166
 Kuepper, U. O36
 Kugelberg, F. O67, P63, P102
 Kumar, S. O31
 Kumazawa, T. P25
 Kuntz, D. P116
 Kurka, P. P69, P98
 Kuwayama, K. O75, P172, P177
- L**
- Lacroix, C. P202
 Lai, C. O31
 Lambert, W. P89
 Lambing, M. P82, P84
 Lanaro, R. P9, P123
 Langman, L. P58
 Lanz, S. P21
 Lauer, E. P205
 Launiainen, T. O68
 LeBeau, M. O19, O20, P127, P128
 Lechowicz, W. P131
 Lee, J. P177
 Lee, R. P190
 Lee, X. P25
 Lefebvre, L. P164
 Lefebvre, M. P164
 LeGatt, D. P38, P39
 Legrand, S. P4, P5
 Leigh, D. P50
 Leite, C. P97
- Leleu, C. O71
 Lembcke, J. P71
 Lenehan, C. O60
 Lerch, O. P26
 Lesser, D. O21
 Lewis, J. P118
 Leyton, V. P3, P7, P158
 Lierheimer, S. P64
 Lin, C. O31
 Lin, W. O31
 Linden, R. P60, P93
 Linnet, K. O24, O57, P191
 Liotta, E. O86
 Lipton, T. P1, P34
 Liu, H. O38
 Liu, R. O31
 Liu, W. P47
 Liveri, K. P137
 Lodder, H. P17, P18, P19, P184
 Lodi, F. P121
 Lokan, R. O63
 Lood, Y. O44
 Lowry, P. P28, P29, P30, P31, P32, P33
 Lucas, S. P138
 Luchini, P. P158
 Ludes, B. P13
 Luthof, K. P11
 Lyons, T. O21
- M**
- Machado, J. P97
 Maciów, M. O76
 Madea, B. O36, O46, O82, P56, P124
 Magalhães, T. P143
 Maggiorini, M. P106
 Mahier, T. P27, P182
 Mahieu, L. P202
 Maillaud, M. O71
 Mangin, P. O6, O80, P140
 Marco, L. P174
 Marcos, M. P156
 Marder, L. P97
 Marin, S. P61
 Marques, P. O2
 Martin, N. P171
 Martin, S. O60
 Martínez, M. O70
 Martz, W. P151
- Marumo, A. P25
 Marumo, L. P197
 Masarin, A. P22, P23, P189
 Maser, E. P70
 Masselot, A. P196
 Masters, B. P116
 Mastrogianni, O. P152
 Matsumoto, N. P198
 Matsusue, A. P79, P85, P166
 Matthias, K. O74
 Mattis, P. O78
 Maurer, H. O28, O39, O40, O41, O87
 Mauron, Y. P196
 Mayer, A. P82, P84
 McConnell, R. P28, P29, P30, P31, P32, P33, P24
 McGivern, P. P1, P34, P35
 McLaughlin, P. O58
 McMillin, G. P61
 Meggiolaro, N. O14
 Meixner, M. P116
 Mencarelli, R. P169
 Mentrastrì, F. P169
 Merová, B. P49, P86
 Mesonzhnik, N. P109
 Mester, J. P114
 Meyer, M. O28, O40, O41, O87
 Miller, M. P128
 Minakata, K. P53, P180
 Mistry, N. P190
 Mitewa, M. P95
 Miyaguchi, H. O75, P172
 Miyajima, A. O34
 Miyazaki, S. P87
 Mizutani, T. P130
 Moeller, I. O37, O49
 Moeller, M. O10
 Molina-Díaz, A. P111
 Molnar, A. P118
 Montgomery, M. O19, O20, P127, P128
 Monticelli, F. P146, P147
 Montisci, M. O5
 Moore, C. O2, P43
 Moreno, E. O66
 Morgan, P. P24, P54, P103
 Morini, L. P144
 Morjana, N. P37
 Morokuma, H. P51
 Morris, J. O38

- Morris-Kukoski, C. O20, P127
Moulard, Y. P110
Mozayani, A. O72
Mueller, A. P185
Mueller, D. O27, P65
Muñoz, D. P7, P158
Mura, P. O11, P181
Musshoff, F. O36, O46, O82, P56, P124
Mustra, C. P156
Mylonas, R. P196
- N**
- Nadulski, T. O9
Nakamoto, A. P87
Nalesso, A. O5, O13
Namera, A. P87
Nashan, B. P185
Natakankitul, D. P173
Neusüß, A. P90
Nicolai, T. P96
Nicolier, D. P77
Nooijen, P. P54, P59
Norman-Williams, F. P41
Nozawa, H. P53, P180
Nulens, E. P91
Numazawa, S. P197
Nystrom, F. O81
- O**
- Ogawa, T. P130
Oikonomou, V. P165
Ojanperä, I. O54, O68, O84, O85, P129
Olano, D. O66
Ondra, P. P49, P86
Oros, R. P69
Osselton, D. O58, P117, P176
- P**
- Palicka, V. P46, P141
Papadopoulou, C. P165
Papet, Y. O11
Pareja, C. O66
Park, J. P177
Park, Yonghoon P177
Park, Youran P168
Park, Yujin P177
Parlar, A. P45
- Parzefall, W. P96
Pascali, J. P170
Pasqualotto, A. P60
Patterson, B. P193
Pedersen, A. O57
Pelander, A. O54, O84, O85
Pellegrino, S. O79, P134
Pepin, G. O71
Pereira, A. P156
Pérez, A. O66
Perl, J. P157
Peters, F. O78
Petersen, G. P97
Petrarulo, M. O17
Petrella, R. P200
Pfannkoch, E. P26
Pham, A. P74
Philipp, A. O39
Piccinotti, A. P201
Pichini, S. P204
Piekoszewski, W. P131
Pilgrim, J. O69, P160
Pinorini-Godly, M. P83
Pirro, V. O79
Plant, S. P17, P18, P19, P184
Poletini, A. O86, P201
Ponce, J. P158
Porta, T. O61
Porter, J. P32, P33
Portugal, M. P175
Pouliopoulos, A. P152
Pounder, D. O51, O58
Pozzi, F. P144
Pragst, F. O59, O88, P192
Preidel, A. P115
Principe, A. P40
Prochazkova, L. P141
Procopiou, E. P137
Proença, P. P156
Pruemper, C. P36, P40
Psaroulis, K. P152
Psenickova, R. P46
Pütz, M. P112, P171
- Q**
- Quatrehomme, G. P148
- R**
- Radünz, L. P70, P90
Raikos, N. P15, P152
- Ramaekers, J. O10
Ramsey, J. P176, P178
Rana, S. O3, O38, P99
Rasmont, P. P159
Rasmussen, B. O24, O57, P191
Rautenberg, C. O45
Reichardt, E. P117, P176
Remane, D. O28, O87
Renardy, F. P154
Rentsch, K. O27, P65, P106
Rickert, A. P139
Rimondo, C. P170
Risso, E. P144
Ristimaa, J. O54, P129
Robandt, P. O26
Robert, J. P40
Roberts, M. P61, P190
Robinson, S. P22, P23, P24, P59, P110, P189
Rochholz, G. P70, P90
Rodchenkov, G. O49, P108, P109, P113
Rodríguez, I. O66
Roehrich, J. P10, P81
Rogiers, I. P38, P39
Rojek, S. O16
Romero, H. P88
Roque, J. P62
Ross, W. O3, O38
Rothschild, M. O37, P44
Rudiger, A. P106
Ruff, A. P14
Rullkötter, J. O33
Runiov, A. P95
Rusconi, M. P83
Russello, L. P200
Rust, K. O14
- S**
- Saar, E. O62
Sachs, H. P124, P146, P147
Sahu, C. P101
Saito, T. P87
Saji, C. P40
Salas, L. O66
Saleh, A. P66
Salomatin, E. P179
Salomone, A. O17, O79, P107, P134
Samyn, N. P159
- Sandhaas, A. P194
Santos, A. P143
Sato, K. P25
Sauer, C. O78
Saussereau, E. P202
Sawazki, J. P78
Sayed Aly, N. P161
Schaaf, L. P78
Schaff, J. O20, P127
Schaible, C. P37
Schanen, P. P78
Schänzer, W. O47, O48, O49, P100, P114
Scheidweiler, K. O50
Schlöpfer, M. P83
Schmidt, P. O74
Schmitz, W. P7
Schneider, B. P194
Schneider, K. O10
Schneider, S. P133
Scholer, A. P42
Scholten, A. P44
Scholz-Böttcher, B. O33
Schreiber, A. P195
Schuller, A. P88
Schuster, F. O41
Schwaninger, A. O40
Scotti, M. P42
Scurati, S. P22, P23, P24, P110, P189
Sedan, D. P206
Seno, H. P130
Serpelloni, G. P170
Setterstrom, R. P38, P39
Shakhitov, M. P136
Shakleya, D. O52, O55
Shalapay, C. P38, P39
Shen, B. O18, P186
Shen, M. O18, O29, P47, P55, P186
Shi, Y. P186
Shimomura, E. O21
Shishika, T. P51
Siefring, G. P37
Silverans, P. P4
Silvestre, C. P153
Sims, D. O63
Sinagawa, D. P7
Sinchai, T. P12
Skopp, G. O4, P150
Smink, B. P62
Smith, M. O21, P178

- Snelling, W. P32
 Snozek, C. P58
 Soares-Vieira, J. P158
 Sokol, M. P86
 Somogyi, G. P14
 Sönnichsen, F. P167
 Sorensen, L. P188
 Soria, M. O66
 Soriano, T. O66
 Sorio, D. P187
 Spagou, K. P15, P152
 Spiroux, J. P202
 Sporkert, F. O4, O6, O80, P77, P83, P140
 Staikos, V. O64
 Stanaszek, R. P131
 Stankova, M. P49, P69, P98
 Staub, C. O80, P205
 Staufer, K. P185
 Stegk, J. P90
 Stephanson, N. P66
 Sterneck, M. P185
 Stimpfl, T. P16
 Stockham, P. O60, O63, P67
 Stove, C. P89
 Stoykova, S. P95
 Stramesi, C. P2, P126
 Stříbrný, J. P49, P86
 Strombeck, M. P158
 Sugimura, T. P85, P166
 Suh, S. P80
 Suh, Y. P80
 Sukhanova, I. P108
 Sun, Q. O18
 Sunouchi, M. O34
 Suteerakune, P. P12
 Suzuki, M. P180
 Suzuki, O. P53, P130, P180
 Sword, R. P40
- T**
- Tagliabracci, A. P169
 Tagliaro, F. P170, P187
 Tameni, S. P201
 Tames, F. P138
 Tanaka, S. P197
 Tangbanluekal, C. P12
 Tavares, M. P123
- Taylor, P. O64
 Taylor, D. P103
 Telepchak, M. P119
 Telese, L. P206
 Teloh, J. P139
 Telving, R. P68
 Teodoro, S. P133
 Teske, J. O33, P52
 Theodoridis, G. P15, P152
 Thessalonikeos, E. P152
 Theunissen, E. O10
 Thevis, M. O37, O46, O47, O48, O49, P100, P114
 Thieme, D. O12, O45
 Thiemt, S. P167
 Thierauf, A. O4
 Thiesen, F. P97
 Thomas, A. O46, O47, O48, O49, P114, P205
 Thompson, A. P67
 Thompson, J. P35
 Tipparat, P. P173
 Tobias, N. P185
 Toennes, S. O10, O74
 Tojiyev, M. P92
 Tokarczyk, B. P57
 Traber, J. O12
 Tracqui, A. P13
 Trafkowski, J. P71, P195
 Tremblay, P. P164
 Tsokos, M. O59
 Tsoukali, H. P152
 Tsuchiya, M. P158
 Tsujikawa, K. O75, P172
 Tucci, M. O13
 Tyrkkö, E. O85
 Tytgat, J. O35, P153
 Tzikas, A. P152
- U**
- Uchida, A. P130
 Uchiyama, N. P198
 Umpiérrez, E. P88
 Urade, Y. P198
 Uralets, V. O43
 Urban, R. P10, P81
 Usche, A. P96
- V**
- Van der Linden, T. P4, P5
 Vanstechelman, S. P5
 Varesio, E. O61
 Vecchio, M. P126
 Verma, Y. P99
 Verplaetse, R. O35, P153
 Verstraete, A. P4, P5, P38, P39
 Vieira, D. P156
 Viel, G. O5
 Vignali, C. P2, P126, P144
 Vincent, M. P43
 Vincenti, M. O17, O79, P107, P134
 Violante, D. P152
 Vo, T. O1
 Vogliardi, S. O13
 Vogt, S. P194
 Volkova, A. P179
 Vollmerhaus, P. P195
 Volpe, C. P121
 Vorisek, V. P46, P141
 Vougiouklakis, T. P163, P165
- W**
- Walker, G. O63
 Walker, K. O51
 Walpurgis, K. P114
 Wang, A. O38
 Wang, G. P43
 Wang, H. P72
 Watanabe, K. P53, P180
 Watanabe, S. P172
 Watson, D. P132
 Waumans, D. P153
 Weber, A. P52
 Weber, A.A. O39
 Weber, J. P42
 Weinmann, W. O4, O12, O42, P21, P194
 Weller, J. P52
 Westphal, F. P70, P90, P167
 Whalen, J. P36
 Widmer, C. P205
 Wildbredt, D. P39
 Wille, S. P159
- Williams, L. P17, P18, P19, P184
 Wilske, J. O77
 Winkler, M. O4
 Wintermeyer, A. O37
 Wissenbach, D. O28, O39, O87
 Wohlfarth, A. O12, O42
 Wollersen, H. O22
 Wood, D. P178
 Wood, M. P61, P190
 Woods, J. P162
 Wu, Y. O31
 Wuest, B. P192
 Wunder, C. O10, O74
 Wynne, P. P76, P104, P105
- X**
- Xiang, P. O18, O29, P186
- Y**
- Yamada, M. P51, P172
 Yamagishi, I. P53, P180
 Yan, H. P55, P186
 Yang, W. P168
 Yapıcı, A. P45
 Yararbas, G. P135
 Yau, H. P37
 Yegles, M. P133
 Yokokura, T. P51, P172
 Yoshida, T. P197
 Yui, Y. P87
- Z**
- Zackrisson, A. P102
 Zaman, M. P48
 Zanchetti, G. P201
 Zapp, J. O39
 Zatopkova, L. P141
 Zheng, Y. P37
 Zhuo, X. P55
 Zoerntlein, S. O39, P10, P81
 Zuba, D. O76
 Zweipfenning, P. O39