

Session No.	#	Presentation Title	Name	Country	Affiliation
<b>P27-1</b>	<b>Anti-infective drugs (6): Anti-MRSA and antifungals</b>				
	1	Population pharmacokinetic analysis of teicoplanin using serum cystatin C to predict renal clearance	Hidefumi Kasai	Japan	Certara G.K.
	2	Pharmacokinetic/pharmacodynamic evaluation of teicoplanin against <i>Staphylococcus aureus</i> in murine thigh infection model	Erika Watanabe	Japan	Kagoshima University
	3	An effective case of replacement of teicoplanin with arbekacin for treatment of methicillin-resistant <i>Staphylococcus aureus</i> iliopsoas abscess	Yoshimasa Tsuchishita	Japan	Maizuru Kyosai Hosipital
	4	Estimation of the duration to reach peak arbekacin concentration by Monte Carlo simulation	Kazunori Yamaguchi	Japan	Kagawa University Hospital
	5	Precision linezolid dosing: save lives, save money!	Deborah Janet Marriott	Australia	St. Vincent's Hospital
	6	Prediction of thrombocytopenia associated with linezolid based on pharmacokinetic-pharmacodynamic simulation	Tetsushu Onita	Japan	Shimane University Hospital
	7	ARK linezolid assay for the Beckman AU480 automated clinical chemistry analyzer	Kenneth Kasper	United States of America	ARK Diagnostics Inc.
	8	False prolongation of prothrombin time in the presence of high blood concentration of daptomycin	Tomoyuki Yamada	Japan	Osaka Medical College Hospital
	9	Development of novel LCMSMS assay for therapeutic drug monitoring of eight antifungal drugs in human serum	Jie Xing	Singapore	Shimadzu (Asia Pacific) Pte Ltd.
10	A validated easy HPLC-MS method for quantification of isavuconazole and other four triazole antifungal drugs in human plasma	Antonio D'Avolio	Italy	University of Turin	
<b>P27-2</b>	<b>Anti-infective drugs (7): Antifungals</b>				
	1	Evaluation of the ARKTM Voriconazole II immunoassay on the Abbott Architectm analyser	Maria Outeda-Macias	Spain	A Coruna University Hospital Complex
	2	Individualized medication of voriconazole: a practice guideline of the division of therapeutic drug monitoring, Chinese Pharmacological Society	Suodi Zhai	China	Peking University Third Hospital
	3	Therapeutic drug monitoring of voriconazole in Chinese patients with invasive fungal infections in West China Hospital	Jiang-Tao Tang	China	West China Hospital of Sichuan University
	4	Therapeutic drug monitoring and individualized dosing of voriconazole in fungal-infected Korean patients	Yewon Choi	South Korea	Seoul National University
	5	Voriconazole TDM based on both unchanged drug and metabolite concentrations in Japanese patients	Akari Shigemi	Japan	Kagoshima University Hospital
	6	Impact of CYP2C19 genotype and liver function on voriconazole pharmacokinetics in renal transplant recipients	Miao Yan	China	The Second Xiangya Hospital, Central South University
	7	Usefulness of therapeutic drug monitoring of voriconazole in patients with liver cirrhosis (Child-Pugh class C)	Takehiro Yamada	Japan	Hokkaido University Hospital
	8	Computerised optimal fluconazole dose selection improves early target attainment in critically ill patients	Indy Sandaradura	Australia	Westmead Hospital
	9	Effective plasma concentrations of itraconazole and its active metabolite for pulmonary aspergillosis	Yaeko Nakamura	Japan	Doshisha Women's College of Liberal Arts and National Hospital Organization Minami
10	Intermittent prophylactic high dose administration of micafungin in a cohort of children undergoing hematopoietic stem cell transplantation	Mariadelfina Molinaro	Italy	Fondazione IRCCS Policlinico San Matteo	
<b>P27-3</b>	<b>Anti-infective drugs (8): Antiviral</b>				
<b>Withdrawn</b>	1	Economic burden of inappropriate use of antibiotics in viral diseases: the case of RSV infection	Jefferson Buendia	Colombia	University of Antioquia
	2	A simple, fast and high throughput quantitative method for the simultaneous determination of dolutegravir, atazanavir, darunavir,	Antero Vieira Silva	Sweden	Karolinska University Laboratory
	3	Methadone reduced nevirapine pharmacokinetic parameters in patients with HIV	Suzana Mustafa	Malaysia	Universiti Sains Malaysia
	4	Effects of cobicistat and ritonavir on tenofovir plasma concentrations	Dario Cattaneo	Italy	Luigi Sacco University Hospital
	5	Interaction between darunavir and etravirine is partly mediated by CYP3A5 polymorphism	Vincent Haufroid	Belgium	Universite catholique de Louvain
	6	Population pharmacokinetics of ganciclovir in critically ill patients	Reinier van Hest	The Netherlands	Academic Medical Center
	7	Singel-dose pharmacokinetics of acyclovir and its principal metabolite 9-carboxymethoxymethylguanine (CMMG) in subjects with normal or	Anders Hellden	Sweden	Karolinska Institutet
	8	Effectiveness of acyclovir prophylaxis for varicella zoster virus infection after hematopoietic stem cell transplantation: a systematic review and	Yuko Shimosato	Japan	Yokohama City University

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<b>P27-4</b>	<b>Cardiovascular drugs (1)</b>				
	1	A case of significantly prolonged PT-INR after use of miconazole gelled preparation during warfarin therapy	Ayumu Nagamine	Japan	Gunma University
	2	Green tea extract and (-)-epigallocatechin-3-gallate greatly affect pharmacokinetic of rosuvastatin in rats	Chenrong Huang	China	The First Affiliated Hospital of Soochow University
	3	The effect of amiodarone on warfarin anticoagulation: a register-based nationwide cohort study involving the Swedish population	Johan Holm	Sweden	Karolinska Institutet, Karolinska University Hospital Huddinge
	4	Pharmacokinetics and hypoglycemic effect of cibenzoline in treatment with losartan or metoprolol in rats	Yuna Yoshino	Japan	Osaka University of Pharmaceutical Sciences
	5	Serum digoxin concentration and mortality in patients with heart failure	Toshinori Hirai	Japan	Tokyo Women's Medical University Hospital
6	Cardiovascular drug monitoring using quantitative LC-HRMS analysis of self-collected micro-volume blood samples	Sangeeta Tanna	United Kingdom	De Montfort University	
<b>P27-5</b>	<b>Cardiovascular drugs (2)</b>				
	1	Effect of angiotensin II receptor blockers on serum levels of epoxyeicosatrienoic acids	Yuka Kato	Japan	Hokkaido Pharmaceutical University
	2	Simultaneous determination of metoprolol, amlodipine, canrenone and hydrochlorothiazide via LC-MS/MS in patients with therapy-refractory	Carsten Mueller	Germany	University Hospital of Cologne
	3	Decrease of digoxin level due to concurrent use of rifampicin: case report	Jun Gi Hwang	South Korea	Seoul National University
	4	Screening and quantification method for antihypertensive agents using LC-MS/MS: a valuable tool for medication adherence assessment	Arjen Punt	The Netherlands	University Medical Center Utrecht
	5	Switching from febuxostat to toproxostat: efficacy, tolerability and serum concentration in hemodialysis patients	Satoru Mitsuboshi	Japan	Kaetsu Hospital
	6	Population pharmacokinetics of milrinone in newborns and infants after cardiac surgery	Tomoyuki Mizuno	United States of America	Cincinnati Children's Hospital Medical Center
7	Determination of homocysteine in human plasma / serum using LC-MS8060	Changkun Li	China	Shimadzu (China) CO., LTD.	
<b>P27-6</b>	<b>Clinical toxicology (2)</b>				
	1	Acryloylfentanyl: identification in seized powder and a fatal forensic case	Torben Breindahl	Denmark	North Denmark Regional Hospital
	2	Performance of an on-site test for gamma-hydroxybutyric acid (GHB) in patients presented at the emergency department	Thomas Smits	The Netherlands	OLVG Hospital
	3	Changing trends in substance abuse: analysis of lab test results from patient cohort at The National Rehabilitation Center, Abu Dhabi, U.A.E.	Abuelgasim Elrasheed Ahmed	United Arab Emirates	National Rehabilitation Center
	4	Qualitative/quantitative analysis and the pharmacokinetic characterization of drug-induced intoxication cases in clinical settings	Motozumi Ando	Japan	Kobe Gakuin University
	5	A response to the rapid emergence of deadly designer opioids in the U.S.	Matthew McMullin	United States of America	NMS Labs
	6	Treatment of a severe amlodipine auto-intoxication	Charles J. C. Geerlings	The Netherlands	Franciscus Gasthuis & Vlietland
	7	Methods of identification of AB-CHMINAKA in case of expert researches	Fazliddin Jalilov	Uzbekistan	Tashkent Pharmaceutical Institute
	8	Data dependent or data independent acquisition: evaluation of SWATH for clinical drug testing	Kara L. Lynch	United States of America	University of California San Francisco
9	A high-throughput solution for therapeutic drug monitoring with LC-MS/MS — 132 drugs on one column	Klaus Martin Knirsch	Germany	Recipe GmbH	
<b>P27-7</b>	<b>Assay</b>				
	1	Using MRM spectrum mode in quantitative clinical toxicological screening	Toshikazu Minohata	Japan	Shimadzu Corporation
	2	Toxicological screening for over 1000 compounds in whole blood samples using LC-MS/MS in MRM spectrum mode	Jun Watanabe	Japan	Shimadzu Corporation
	3	Experience of using LC HRMS in full scan and PRM mode for reliable multi component urine drug screening	Niclas Stephanson	Sweden	Karolinska University Hospital
	4	Clinical significance of N-acetylcysteine interferes with the trinder reaction based assays	Yusheng Zhu	United States of America	Pennsylvania State University Hershey Medical Center
	5	Method development matrix effects: a case study	Autumn Breaud	United States of America	Johns Hopkins University
	6	Development and validation of an ICP-MS method to quantitatively determine cobalt in volumetric absorptive microsampling (VAMS) devices	Sara Capiou	Belgium	Ghent University
	7	Measurement of nicotine, cotinine and OH-cotinine in exhaled breath with LC-MS/MS	Shahid Ullah	Sweden	Karolinska University Hospital
	8	Drug sensor using molecularly imprinted polymer grafted on graphite paste electrode	Yasuo Yoshimi	Japan	Shibaura Institute of Technology
	9	LC-MS/MS simultaneously analyze 12 kinds of TDM compounds	Meiying Han	China	Shimadzu (China) CO., LTD.
10	Fully automated LC-MS/MS platform for drugs quantitation in serum samples	Isabel Teresa Cabruja	Italy	Shimadzu Corporation	

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<b>P27-8</b>	<b>Assay and monitoring</b>				
	1	A sensitive LC-MS/MS method for quantification of fluticasone propionate in human plasma after intranasal administration	Hiroshi Shibasaki-Hirano	Japan	Tokyo University of Pharmacy and Life Sciences
	2	A HPLC-DAD method for the determination of global methylation in peripheral human blood	Marina Venzon Antunes	Brazil	Universidade Feevale
	3	High-sensitivity determination of underivatized estradiol in human serum by a validated LC-MS/MS method	Dobin Svinarov	Bulgaria	Alexander Hospital, Medical University of Sofia
	4	Determination of iodine element in urine sample by inductively coupled plasma-mass spectrometry	Rongyin Gai	China	Shimadzu (China) CO., LTD.
	5	Clinical monitoring of 25-hydroxyvitamin D2 and 25-hydroxyvitamin D3 by LC-MS/MS	Xin Deng	China	Shimadzu (China) CO., LTD.
	6	Quantitative analysis of vitamin D2 and D3 using SFC-MS/MS	Sigrid Baumgarten	Germany	SHIMADZU Europa GmbH
	7	A new LC-MS/MS method for determination of vitamin K1 and vitamin K2 (MK-4, MK-7) in serum	Eva Klapkova	Czech Republic	Charles University and University Hospital Motol
	8	The real time inhalation flow pattern monitoring system contributes to adequate inhalation patterns of soft mist inhaler co-prescribed with dry	Hiroyoshi Koide	Japan	Kyoto Pharmaceutical University
	9	Evaluation of ToF-MRM for the analysis of illicit drug substances	Masayo Yabu	Japan	Nihon Waters KK
10	Metabolomics deciphering therapeutic effects and mechanism of natural products on metabolic diseases	Li-Heng Pao	Taiwan	Chang Gung University of Science and Technology	
<b>P27-9</b>	<b>Pharmacokinetics and PK/PD</b>				
	1	Chromatographic determination of serum eltrombopag concentration for the therapeutic drug monitoring in patients with idiopathic	Naoya Yanagimachi	Japan	University of Tsukuba Hospital and University of Tsukuba
	2	Effect of sampling time on prediction accuracy of serum drug concentrations	Syoyo Tanemura	Japan	Musashino University
	3	KinPop++ enables clinicians to easily develop new PK/PD population models for use in the MwPharm++ therapeutic drug management (TDM)	Jiri Potucek	Czech Republic	MEDIWARE A.S.
	4	Population pharmacokinetics of arginine glutamate in healthy Chinese volunteers	Jing Wang	China	Tongji Hospital of Tongji Medical College, Huazhong University of Science and
	5	PK/PD analysis of postoperative nausea and vomiting in Japanese patients administered epidural fentanyl	Saeri Goto	Japan	Gifu Pharmaceutical University
	6	Febuxostat exposure-response model in patients with renal dysfunction	Daiki Hira	Japan	Shiga University of Medical Science Hospital
	7	Comparison of therapeutic efficacy of brand-name allopurinol and its generic medicine by population pharmacodynamic analysis based on	Takamitsu Ogata	Japan	Kyushu University
	8	Benchmark dose analysis for safety assessment in pharmaceutical development	Antero Vieira Silva	Sweden	Karolinska University Laboratory
	9	Quantitative prediction of drug removal rate by hemodialysis based on the permeation clearance of hemodialyzer	Takehito Yamamoto	Japan	The University of Tokyo
10	Serum concentrations of sulfate and glucuronide conjugates of Ritodrine in twin pregnancy	Mayuko Soma	Japan	Tenshi Hospital	
<b>P27-10</b>	<b>Pharmacokinetics and pharmacogenetics</b>				
	1	Modeling drug transfer over the mammary gland using physicochemical parameters and active transport as descriptors	Peter Ter Horst	The Netherlands	Isala
	2	Mesalazine and foetal anaemia — a case report	Staffan Rosenberg	Sweden	Karolinska University Hospital
	3	Pharmacokinetics and pharmacogenetics of metformine in patients with type 2 diabetes mellitus	Silvia Romano	Mexico	Universidad Autonoma de San Luis Potosi
	4	The use of next-generation sequencing (NGS) data in pharmacogenetics: a software for allele calling based on star nomenclatures	Jean-Baptiste Woillard	France	CHU Limoges, Univ Limoges
	5	Pharmacogenetics-based personalized therapy: levels of evidence and recommendations from the French national network of pharmacogenetics	Jean-Baptiste Woillard	France	CHU Limoges Univ Limoges
	6	In vivo phenotyping for CYP3A by a single-point determination of plasma concentration ratio of endogenous 6 $\beta$ -hydroxycortisol to cortisol	Ryohei Hirano	Japan	Tokyo University of Pharmacy and Life Sciences
	7	Phenoconversion of CYP3A in chronic renal failure; what is the factor involved?	Yosuke Suzuki	Japan	Oita University Hospital
	8	Inhibitory effects of flavonoid-containing vegetables on CYP3A4 activity in recombinant CYP3A4 and LS180 cells	Masayuki Tsujimoto	Japan	Kyoto Pharmaceutical University
	9	In search of objective criteria for judging results of TDM proficiency tests	Peter Zweipfenning	The Netherlands	SKML, section KKG
10	Education in clinical pharmacokinetics: clearance and elimination rate constant parameterizations are equally valid	Roger Woodham Jelliffe	United States of America	USC Keck School of Medicine, Children's Hospital of Los Angeles	