

Poster presentations

All posters will be on display during the Conference, from 08:00 Saturday 12 October until 16:15 Sunday 13 October.

Posters have been grouped thematically and the poster boards are numbered sequentially and located throughout Plenary Hall B.

A number of spotlight posters will be displayed in Craft Classroom and will be presented during the Spotlight poster session on Sunday 13 October from 09:45-11:00.

Presenters have been asked to be in attendance at their poster, as listed below, to discuss their work with interested delegates.

SATURDAY 12 OCTOBER 2019, 10:00-10:30

Pharmacoepidemiology and traditional medicines (poster boards 364 – 382)
Pharmacogenomics research and drug safety (poster boards 383 – 388)
Pharmaceutical policy and administration (poster boards 389 – 391)
Other related fields (poster boards 426 – 449)
Evidence-based medicine (poster boards 450 – 462)
Prevention of medication errors and drug misuse/abuse (poster boards 463 – 466)
Rational drug use (poster boards 467 – 474)
Evidence-based pharmacy (poster boards 506 – 509)
Rare disease and orphan medicines (poster boards 510 – 512)
Post-marketing drug effectiveness and safety evaluation (poster boards 513 – 531)

SATURDAY 12 OCTOBER 2019, 15:00-15:45

Pharmacoepidemiology and Pharmacovigilance research methods (poster boards 332 – 363)
Drug utilization evaluation studies (poster boards 392 – 425)
Drug safety risk monitoring, evaluation and prevention (poster boards 475 – 505)

SUNDAY 13 OCTOBER 2019, 09:30-11:00

All presenters have been asked to be in attendance at their poster to discuss their work with interested delegates.

SATURDAY 12 OCTOBER 2019, 10:00-10:30

Poster number	Paper title and presenter
Pharmacoepidemiology and traditional medicines	
364	Risk of neuroleptic malignant syndrome among patients exposed to antipsychotics Esther Chan, The University of Hong Kong, Hong Kong
365	The treatment patterns of patients with diabetic nephropathy in Songjiang District of Shanghai Yun Chen, Fudan University, China
366	Association between hepatitis B virus infection/anti-HBV agents and the risk of colorectal cancer He-Yun Cheng, Taipei Medical University, Taiwan
367	The effect of Rosmarinus officinalis L. on cognitive function and mood: A systematic review and meta-analysis Piyameth Dilokthornsakul, Naresuan University, Thailand
368	Epidemiology and treatment patterns of chronic lymphocytic leukemia/ small lymphocytic lymphoma (CLL/SLL) in Taiwan: 2007-2017 Fei-Yuan Hsiao, National Taiwan University, Taiwan
369	Korean nationwide registry of severe cutaneous adverse reactions 2010-2018 Dong-Yoon Kang, Seoul National University Hospital, South Korea

370	Prescribed medication for identifying people with dementia in electronic primary care records in the UK Sujin Kang, Imperial College London, UK
371	Evaluation of patterns of Tanreqing injection based on the real-world study Xiaoxiao Li, Peking University Third Hospital, China
372	Incidence of bladder cancer in renal transplant recipients Hsin-Lin Lin, Chi Mei Medical Center, Taiwan
373	Effectiveness of Chinese herbal medicine in patients with hypertension Tsung Hsuan Lin, Chi Mei Medical Center, Taiwan
374	Silymarin use reduces the risk of age-related macular degeneration in patients with chronic liver disease: A pilot study Sian-De Liu, Linkou Chang Gung Memorial Hospital, Taiwan
375	Risk study of rhabdomyolysis among users of statin, fibrate and statin-fibrate with and without impaired renal function using claims data. Shingo Nakada, Sumitomo Dainippon Pharma Co., Ltd, Japan
376	Exploring herbs that cause interstitial pneumonia using electronic healthcare record data Tasuku Okui, Kyusyu University Hospital, Japan
377	Investigating prescription patterns for kampo medicines using a latent dirichlet allocation model Tasuku Okui, Kyusyu University Hospital, Japan
378	Drug utilization of CPM for patients with respiratory disease at community pharmacies in China: An analysis from 2014 to 2018 Lisong Yang, University of Macau, China
379	Aspirin use and incidence of stroke in patients with diabetes treated with statins: A population-based cohort study Yi-Chun Yeh, Changhua Christian Hospital, Taiwan
380	The overview and perspective of pharmacoepidemiologic study based on medical database in China Li Zhang, Beijing University of Chinese Medicine, Dongfang Hospital, China
381	Current status and consideration on the standard nomenclature and coding rules of Traditional Chinese Medicine Drugs Li Zhang, Beijing University of Chinese Medicine, Dongfang Hospital, China
382	The relationship between calcium channel blockers use and risk of Parkinson's disease Pei Chen Lee, National Taipei University of Nursing and Health Sciences, Taiwan
Pharmacogenomics research and drug safety	
383	Target identification and drug repurposing studies in Crohn's disease: An in-silico approach Kshreeraja Satish, M. S. Ramaiah University of Applied Sciences, India
384	A target specific drug repurposing approach for Crohn's disease through molecular docking studies Kshreeraja Satish, M. S. Ramaiah University of Applied Sciences, India
385	Analysis of potential targets for drug repurposing in cystic fibrosis through microarray profiles Neha Maria Thomas, M. S. Ramaiah University of Applied Sciences, India
386	In-silico determination of therapeutic possibilities for duchenne muscular dystrophy: A gene database linked analysis Rachana Pai, M. S. Ramaiah University of Applied Sciences, India
387	In-silico identification of potential targets for drug repurposing in cystic fibrosis using gene expression profiles O V Joshmi, M. S. Ramaiah University of Applied Sciences, India
388	A design to evaluate risk of intussusception after rotavirus vaccine based on active surveillance in China Zhike Liu, Peking University Health Science Center, China
Pharmaceutical policy and administration	
389	Impact of changing reimbursement criteria on statin treatment patterns among patients with atherosclerotic cardiovascular disease or diabetes mellitus in Taiwan Chia-Yun Hsu, Health Data Research Center, National Taiwan University, Taiwan
390	Economic burden of cancers in Taiwan: A direct and indirect cost estimates for 2007-2017 Shao-Yi Huang, National Taiwan University, Taiwan
391	Impact of medical fee restriction on multidrug prescriptions: A time-series analysis using real-world data Jinsang Park, Kyushu University Hospital, Japan
Evidence-based medicine	

450	A Study of knowledge, attitude and practice about nosocomial infections among healthcare workers in a tertiary care teaching hospital Aishwarya Niranjana, JSS College of Pharmacy, India
451	Direct comparison of statins and fibrates on important efficacy and safety outcomes: Systematic review and meta-analysis Joseph Blais, Centre for Safe Medication Practice and Research, Hong Kong
452	Bone targeting agent utilization in breast and prostate cancer patients with bone metastasis: A nationwide population cohort in Taiwan Wei-Ju Chen, Amgen TW, Taiwan
453	Accuracy of commercial molecular diagnostics for the detection of pulmonary tuberculosis in China: A systematic review Siwei Deng, Peking University School of Public Health, China
454	Real-world outcomes associated with the use of companion diagnostics in advanced NSCLC, Flatiron Health 2011–2018 Ani John, Roche Diagnostics, USA
455	Validity and reliability of patient section of evidence-based medical records about doctor-patient building through integrated therapy to gastrointestinal diseases Bo Li, Capital Medical University, China
456	Effectiveness of prevention of influenza infection with green tea catechins: A systematic review and meta-analysis Surasak Saokaew, University of Phayao, Thailand
457	The impact of selected biomarker levels changes on serum tumor marker levels elevation among Chinese lung cancer patients HongChun Wang, Qilu Hospital of Shandong University, China
458	Serum tumor markers utilization pattern among Chinese lung cancer patients in routine clinical practice HongChun Wang, Qilu Hospital of Shandong University, China
459	ETV combination with IFN-α is superior to ETV monotherapy in reducing hepatocellular carcinoma in chronic hepatitis B patients Li Wang, School of Basic Medicine Peking Union Medical, China
460	Efficacy and safety of anti-cancer biosimilars compared to reference biologics in oncology: A systematic review and meta-analysis Shuqing Yu, Peking University School of Public Health, China
461	Safety of rapid deployment versus conventional bioprosthetic valve: A systematic review and meta-analysis Baoqi (Byron) Zeng, Peking University, China
462	Long-term outcomes of bioprosthetic versus mechanical mitral valve replacement: A systematic review and meta-analysis Baoqi (Byron) Zeng, Peking University, China
Prevention of medication errors and drug misuse/abuse	
463	Effects of a newly-design antiviral-drug teaching kit used in people living with HIV (PLHIV) in a Taiwan regional teaching hospital SuHan Hsu, Taipei City Hospital, Taiwan
464	Integrated the pharmacist clinical monitoring practices and decision-guide order entry system to reduce the antibiotic dosing errors and cost Hsiao-Feng Huang, Chi Mei Hospital, Taiwan
465	Patient safety attitudes of pharmacy students in an Indian Medical University: A cross-sectional study Juny Sebastian, JSS Academy of Higher Education and Research, India
466	Improving medical safety by preventing medication errors with information management system intervention in Taiwan Pin Hsin Wang, Taipei City Hospital Yangming Branch, Taiwan
Rational drug use	
467	Assessment of prescribing pattern and source of prescription of Histamine 2 receptor antagonists and Proton pump inhibitors. MSV Chandrabhiroop, M.S. Ramaiah University of Applied Sciences, India
468	Variation in medication regimen complexity in Australian residential aged care Esa Chen, Monash University, Australia
469	Domperidone prescribing practices for insufficient lactation in mothers at a mother and child hospital

	Tanaporn Chittawikul, Ministry of Public Health, Thailand
470	Assessment of quality of life amongst knee osteoarthritis patients deprescribed of analgesics Abuzear Faruqui, M.S. Ramaiah University of Applied Sciences, India
471	Study the prevalence of significant microbial changing pattern in diabetic foot ulcer patients at tertiary care teaching hospital Arunraj Kalichamy, Annamalai University, India
472	Assessment of clinical and economic impact of clinical pharmacist -initiated drug therapy management among general surgery patients Ann Kuruvilla, JSS College of Pharmacy, India
473	The influence of a short-term physicians' training course on adherence to long-term statin therapy Yulia Lukina, National Medical Research Center for Preventive Medicine of Ministry of Health, Russian Federation
474	Effectiveness of educational intervention on knowledge and counseling practice on common cold management among community pharmacists Ha Vo, University of Medicine Pham Ngoc Thach, Viet Nam
Evidence-based pharmacy	
506	Effect of coffee consumption and nonalcoholic fatty liver disease: Umbrella review and systematic review and meta-analysis Surasak Saokaew, University of Phayao, Thailand
507	Epinephrine for the treatment of anaphylaxis: A systematic review Xiaotong Li, Peking University Third Hospital, China
508	Assessment of knowledge, attitude and practice on drug allergy amongst in-patients in a tertiary care hospital Shilpa Palaksha, JSS College of Pharmacy, India
509	Efficacy of pharmaceutical care at hospital setting in China: Systematic evaluation of evidence from randomized clinical trials Junnan Shi, University of Macau, Macao
Rare disease and orphan medicines	
510	Severity classification and estimating of ulcerative colitis (UC) patients using Japanese clime database Kaede Anabuki, JMDC Inc., Japan
511	The use of isoproterenol for ventricular fibrillation in Brugada Syndrome Damian Kim, Touro College of Pharmacy, USA
512	The association between partner bereavement and new melanoma diagnosis and subsequent mortality of melanoma: Population-based cohort studies Angel Wong, London School of Hygiene and Tropical Medicine, UK
Post-marketing drug effectiveness and safety evaluation	
513	An analysis of reports for conventional synthetic disease modifying antirheumatic drugs (csDMARDs) in EudraVigilance Laura Alexandra Anghel, University of Medicine and Pharmacy "Iuliu Hatieganu", Sweden
514	Non-steroidal anti-inflammatory drugs and the risk of nephrotic syndrome: A case-control study Mohammad Bakhriansyah, Utrecht Institute for Pharmaceutical Sciences (UIPS), Netherlands
515	The use of antibiotics in adult patients with chronic bronchitis and the influencing factors of readmission Siwei Deng, Peking University School of Public Health, China
516	Analysis on drugs triggering allergic reactions in the combination with Xiyanping injection: A nested case-control design Jingnan Feng, Peking University, China
517	Adverse events of TGP in patients from rheumatology and dermatology departments: A multi-center, non-intervention register study Jingnan Feng, Peking University, China
518	Safety profile of Thalidomide: Is it still worth discussing? Gouri Nair, M S Ramaiah University of Applied Sciences, India
519	Neurodegenerative Diseases Global Epidemiology Network (NeuroGEN) Jenni Ilomaki, Monash University, Australia
520	Assessment of severe events in influenza outpatients treated with baloxavir marboxil: An observational database study Takuji Komeda, Shionogi Pharmacovigilance Center Co., Ltd., Japan

521	Skeletal muscle relaxant associated renal disorders: Exploration of novel adverse event using disproportionality analysis Subeesh Kulangara Viswam, M.S. Ramaiah University of Applied Science, India
522	Efficacy and safety of febuxostat in kidney transplant recipients Hsin-Lin Lin, Chi Mei Medical Center, Taiwan
523	Bisoprolol compared with carvedilol for sudden cardiac arrest prevention among individuals receiving maintenance hemodialysis Yi-Ting Lin, Kaohsiung Medical University Hospital, Taiwan
524	Adverse drug events: Data sources and difficulties in collecting of information in a framework of outpatient registry Yulia Lukina, National Medical Research Center for Preventive Medicine of Ministry of Health, Russian Federation
525	The interrelationship of aspects of medication adherence and therapy safety in patients of outpatient register Yulia Lukina, National Medical Research Center for Preventive Medicine of Ministry of Health, Russian Federation
526	Pharmacovigilance and risk management plan at pre-authorization: A comparative study to medicine decision making Pakawadee Sriphiromya, Ministry of Public Health, Thailand
527	Trend in method for statistical sample size calculation of the post-marketing surveillance in Japan Hiroaki Tsuchiya, Janssen Pharmaceutical K.K., Japan
528	Feasibility assessment of post-marketing surveillance of vaccine safety and effectiveness using reginal health information platform in China Yu Yang, Peking University, China
529	Evidence-based evaluation of benefit and risk for incretin-based therapies: A protocol Shuqing Yu, Peking University School of Public Health, China
530	A feasibility assessment framework for conducting comparative effectiveness research (CER) using electronic medical record (EMR) database in China Xinran Zhao, IQVIA, China
531	Study feasibility assessment for total joint replacement surgery, comparing Japanese and United States databases: A retrospective cohort of osteoarthritis patients Naoki Isogawa, Pfizer R&D Japan, Japan
Other related fields	
426	Referral system makes triple-win among patients, primary hospital and regional ART center: Result from a pilot test Lei Yan, Merck Serono Co, Ltd, China
427	The study of the association between meteorological data and diseases using claims database Kaede Anabuki, JMDC Inc., Japan
428	Treatment adherence and beliefs about medicines in autoimmune rheumatic diseases Laura Alexandra Anghel, University of Medicine and Pharmacy "Iuliu Hatieganu", Sweden
429	Prevalence of opportunistic infections and their impact on healthcare cost among patients with HIV in a developing mixed economy country Balaji Gupta, JSS College of Pharmacy, India
430	Heavy metals contamination in rice growth in Thailand: A systematic review for the past 10 years. Piyameth Dilokthornsakul, Naresuan University, Thailand
431	Modeling the population health impact of introducing a reduced-risk product into Asian markets, Japan and Singapore Smilja Djurdjevic, Phillip Morris International, Switzerland
432	Timing of pediatric labeling and clinical trial evidence supporting approval of pediatric drugs in Japan, the US, and the EU Saeko Hirota, Tohoku University Graduate School of Medicine, Japan
433	The recent landscape of observational studies initiated by pharmaceutical companies in Japan: Implication from literature search Yoshie Hongo, Shionogi & Co., Ltd., Japan

434	A bibliometric and text mining analysis of the publications using Taiwan's National Health Insurance claims data: Rise and fall? Chien-Yang Hsieh, Tainan Sin Lau Hospital, Taiwan
435	Performance of Charlson Comorbidity Index and Elixhauser Comorbidity Index to predict mortality with cancer in Korean national health insurance cohort Heejin Kim, Ewha Womans University, South Korea
436	Introducing patient flow concept to analyze pneumonia care experience in a regional hospital Hsiao Lin Kuo, Chi Mei Hospital, Taiwan
437	Developing an integrated real-world data ecosystem to enhance care delivery for chronic obstructive pulmonary disease patients in Singapore Shao Wei Sean Lam, Singapore Health Services, Singapore
438	Health-related quality of life in type-2 Diabetes Mellitus patients: A cross-sectional study in South India Elizabeth Neena Manalel, Ramaiah University of Applied Sciences, India
439	Real world data in drug discovery: Approach for understanding diseases and their unmet medical needs Hirokazu Nishimura, Mitsubishi Tanabe Pharma Corporation, Japan
440	Cost-Effectiveness of Evolocumab in treating cardiovascular disease Reshmee Patel, Touro College of Pharmacy, USA
441	Optimal drug master that enhances real world data analysis and improves medical safety Eiko Shimizu, The University of Tokyo, Japan
442	Impact of sleep and stress on pregnant woman: A cross sectional study Sri Raghu Bapiraju Mudunuri, Shri Vishnu College of Pharmacy, India
443	Comparative effectiveness of unicompartmental and total knee replacement for patients with comorbidities Victoria Strauss, University of Oxford, UK
444	Incidence of community-acquired pneumonia in China: A nationwide claims database analysis Yixin Sun, Peking University School of Public Health, China
445	Impact of medical conditions and medication use during pregnancy on adverse birth outcomes: A hospital-based case-control study Krishna Undela, JSS Academy of Higher Education & Research, India
446	Impact of preterm birth and low birthweight on medical conditions, medication use and mortality among neonates: A prospective observational study Krishna Undela, JSS Academy of Higher Education & Research, India
447	A natural language processing algorithm for pulmonary nodule identification from chest CT imaging report in Chinese free text Tao Wu, Janssen Research & Development, China
448	Major drivers of pharmaceutical costs in state sector health care institutions of Sri Lanka Kithmini Yasarathna, General Sir John Kotelawala Defence University, Sri Lanka
449	Comparative study between isophane protamine Biosynthetic human insulin injection and other antidiabetic drugs for the treatment of diabetes mellitus Yan Ren, Sichuan University, China

Poster number	Paper title and presenter
Pharmacoepidemiology and Pharmacovigilance research methods	
332	Use of stroke registry and data linkage for comparative effectiveness research: Overview and methodology Norazida Ab Rahman, Institute for Clinical Research, Malaysia
333	Prevalence, pain intensity and disability of low back pain among Indian population. A cross-sectional study Mir Mahmood Asrar, Niper-Mohali, India
334	Association of diet and other risk factors among coronary heart disease patients Vinay BC, Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, India
335	Korean pharmacovigilance system based on EHR-CDM Eunmi Choi, Korea Institute of Drug Safety & Risk Management, South Korea
336	The main position of medical and district health nurses in pharmacovigilance Shkurti Enkelejda, University of Medicine, Albania
337	Impact of prevalence, sensitivity, specificity, and positive and negative predictive values from a validation study on planning of database studies Shintaro Hiro, Pfizer R&D Japan, Japan
338	Effect of ICD-9-CM to ICD-10-CM coding system transition on prevalence of common diseases: An interrupted time series analysis Meng Chen Hsu, National Taiwan University, Taiwan
339	A novel software for efficient construction of datasets using health insurance claims database Tomohide Iwao, Health care database Research Institute, Japan
340	Diabetic complications severity index and risk of mortality and hospitalization using National Health Insurance Database in Korea Sukhyang Lee, Ajou University, South Korea
341	Adverse drug reactions evaluation in a Taiwan hospital Yu-Hong Lin, Kaohsiung Veterans General Hospital Tainan Branch, Taiwan
342	Assessment of record linkage using administrative claims data and antimicrobial susceptibility testing data Wataru Mimura, Meiji Pharmaceutical University, Japan
343	Prevalence of significant lesions in Dyspepsia Patients by upper Gastrointestinal Endoscopy Junior Sundresh N, Annamalai University, India
344	Liver enzymes during and after antimalarial therapy in Nigerian children with uncomplicated Plasmodium Falciparum infection Zacchaeus Olofin, University of Ibadan, Nigeria, Nigeria
345	Predicted population health impacts of heated tobacco products in Japan Bill Poland, Certara USA, Inc., USA
346	Medication errors associated with the use of antibiotics in critical care units Madhan Ramesh, JSS Academy of Higher Education & Research, India
347	Medication related hospital admissions to a tertiary care teaching hospital: A prospective cross-sectional study Madhan Ramesh, JSS Academy of Higher Education & Research, India
348	The effectiveness of a T2DM medication in lowering the risk of stroke: A cohort study using the MDV database Yasunari Sadatsuki, CAC Croit Corporation, Japan
349	Validation study of medication adherence based on claims data in Japan Yoshiyuki Saito, University of Tokyo, Japan
350	Epidemiology of heart failure in South-India: Assessment of disease-specific prevalence, phenotypic classification, and risk factors from Manipal Heart Failure Registry Ajit Singh, Kasturba Medical College, Manipal Academy of Higher Education, India
351	Increased risk of allergic reactions associated with xiyanning injection: A prescription sequence symmetry analysis Yixin Sun, Peking University School of Public Health, China
352	Factors for starting biosimilar TNF inhibitors in patients with rheumatic diseases in the real world Yoo-Kyoung Sung, Hanyang University Hospital for Rheumatic Diseases, South Korea

353	A retrospective database analysis to determine the number of patients using levonorgestrel intrauterine system (L-IUS) in estrogen replacement therapy (ERT) Noriko Takahashi, Bayer Yakuhin Ltd., Japan
354	Comparison of laboratory threshold criteria in drug-induced liver injury detection algorithms for use in pharmacovigilance Eng Hooi Tan, National University of Singapore, Singapore
355	Practical issues of cohort and event definition in database research: Risk assessment of dyslipidemia by atypical antipsychotics using claim database Shunsuke Tani, Sumimoto Dainippon Pharma Co., Ltd, Japan
356	Inventory of real-world data sources in Japan: Survey results by JSPE Pharmacoepidemiology and Database Task Force Kanae Togo, Pfizer Japan Inc., Japan
357	A study for incidence proportion of thrombocytopenia in herpes zoster patients using medical information data in Japan Ichiro Unno, Maruho Co.,Ltd., Japan
358	Use of antihyperglycemic drugs and risk of colon cancer recurrence: A nested case-control study Ting-Yi Wang, National Taiwan University, Taiwan
359	Systematic investigation on guidelines for real world study using observational designs Wen Wang, West China Hospital, Sichuan University, China
360	Statins or thiazide associated with new-onset diabetes in hypertensive patients: Multilevel random effect model Sawaeng Watcharathanakij, Faculty of Pharmaceutical Sciences, Thailand
361	Identification of patient with cardiovascular diseases in EMR and claim databases in Chinese-speaking countries: An extensive review Jiewei Wu, IQVIA, China
362	Validation of heart failure diagnosis with International Classification of Diseases-10 and natural language processing in an electronic medical records database Hongxin Zhao, Shanghai Synyi Medical Technology Co., Ltd, China
363	Considerations in measuring healthcare resource utilization using electronic medical record databases versus claims databases in China: An extensive review Yigong Zhou, IQVIA, China
Drug utilization evaluation studies	
392	Midodrine for prevention of intradialytic hypotension in high risk patients at a tertiary referral hospital: A retrospective study Saja Alhabardi, SFDA, Saudi Arabia
393	Comparisons empiric antibiotics for treatment of patients admitted with pneumonia in a regional hospital in Taiwan: A retrospective cohort study Che-Chia Liang, Cheng Ching Hospital, Taiwan
394	Prescribing patterns of antiplatelet therapy in patients with ischaemic stroke and transient ischaemic attack in Malaysia Norazida AB Rahman, Institute for Clinical Research, Malaysia
395	Impact of antenatal steroids' use in pregnant mothers' on the severity of neonatal respiratory distress syndrome. Rupal Aroza, Manipal Academy of Higher Education, India
396	Prescription patterns of medications for newly diagnosed adult patients with partial epilepsy from 2006 to 2017 Siming Chen, Kyoto University, Japan
397	Evaluation of liraglutide usage for treatment of type 2 diabetes at a at a hospital in southern Taiwan Chih-Jen Cheng, Kaohsiung Veterans General Hospital Tainan Branch, Taiwan
398	Medication use for people with mild chronic obstructive pulmonary disease in community settings of Shanghai Chaowei Fu, Fudan University, China
399	Patterns and predictors of cardiac specific narrow therapeutic index and high alert medication utilization Ganesan Rajalekshmi Saraswathy, M.S. Ramaiah University of Applied Sciences, India
400	Bacteriological study and antibacterial susceptibility of Ludwig's angina Md. Mehedi Hasan, Square Hospitals Ltd., Bangladesh

401	Comparing utilization of anti-tumor agents and survival outcome based on KRAS status among metastatic colorectal cancer patients using real-world data Ru-Yu Huang, Kaohsiung Medical University, Taiwan
402	Prescription of secondary preventive drugs after ischemic stroke in low- and middle-income countries: A systematic review and meta-analysis Wen Yea Hwong, Institute for Clinical Research, Malaysia
403	Use of low-dose estrogen oral contraceptives among Japanese women: The Japan Nurses' Health Study (JNHS) Yuki Ideno, Gunma University, Japan
404	Changes in medicine prescription before and after admission to long-term care welfare facilities in a city of Japan Masao Iwagami, University of Tsukuba, Japan
405	Comparison of surfactants used in the treatment of Neonatal Respiratory Distress Syndrome Pareeta Kotecha, Manipal Academy of Higher Education, India
406	Early conversion from intravenous to oral medications: Assessment and evaluation of clinical outcomes in hospitalized patients Subeesh Kulangara Viswam, M.S. Ramaiah University of Applied Science, India
407	Evaluation of drug utilization pattern among pregnant women in a tertiary care teaching hospital Vijayanarayana Kunhikatta, Manipal Academy of Higher Education, India
408	Utilization of intravenous ribavirin among reproductive age adults in 2010- 2017: A population-base study in China Hailong Li, Sichuan University, China
409	Assessment of medication use and polypharmacy among pregnant women in the United States Hsuan-Yu Lin, Taipei Medical University, Taiwan
410	Trends in antipsychotic use of newly treated schizophrenia patients Zhen-Fang Lin, National Taiwan University, Taiwan
411	The profile of antibiotic use and the economic burden in hospitalized patients with chronic obstructive pulmonary disease (COPD) in China Lili Liu, Peking University, China
412	Prescribing and dispensing of OTC analogue products in Japan: A review of real-world evidence Michael Lopresti, The University of Tokyo, Japan
413	Prescribing pattern of proton pump inhibitors in the department of general medicine of a tertiary care hospital Eswaran Maheswari, M.S. Ramaiah University of Applied Sciences, India
414	Benzodiazepine utilization pattern and adverse drug reactions amongst patients of Department of Psychiatry Eswaran Maheswari, M.S. Ramaiah University of Applied Sciences, India
415	Study on the actual prescription practices of anti-influenza drugs in the pediatric field by using medical information databases Kosuke Nakano, National Center for Child Health and Development, Japan
416	Effect of pro re nata medication usage on estimation of fragility fracture risk associated with concomitant central nervous system medications Eri Ohara, Tokushima Bunri University, Japan
417	Evaluation of prescription pattern in patients with Chronic Obstructive Pulmonary Disease in a tertiary care setting Rajesh V, Manipal College of Pharmaceutical Sciences, India
418	Assessment of prescription pattern and estimation of clinical and economical outcome of management of gastroenteritis in paediatric population Deepa Shakya, JSS Academy of Higher Education and Research, Nepal
419	Understanding of medication adherence and patient satisfaction in low socio-economic hypertensive elderly patients visiting a public hospital in South India Ponnusankar Sivasankaran, JSS College of Pharmacy, India
420	Anti-diabetic drug utilization knowledge and glycemic index control in patient with uncontrolled diabetes mellitus Naima Ahmed Tamanna, Islamic University, Bangladesh
421	Use of antibiotics and Xiyanning injection in Chinese children with bronchitis Lu Xu, Peking University, China
422	Evaluation of Pharmacological interventions of Somatostatin and analogues for acute pancreatitis- A multi-center, real-world EMR database study in China

	Lei Yan, Merck Serono Co, Ltd, China
423	A comprehensive survey on drug dispensing in pharmacy for Japanese elderly patients dwelling in the community Akihiro Yuasa, Japan Medical Association, Japan
424	Titration of topiramate in patients with epilepsy: A real-world database analysis Ting Zhang, JNJ, China
425	Appropriateness of outpatient antibiotic prescribing in China: Nationwide cross-sectional study Houyu Zhao, Peking University, China
Drug safety risk monitoring, evaluation and prevention	
475	Study protocol of electronic health record nested pragmatic randomized controlled trial of reminder system for serum lithium level monitoring Morio Aki, Toyooka Hospital, Japan
476	Prevalence of antiplatelet drug resistance using thromboelastography and major adverse cardiac events after coronary intervention in acute coronary syndrome patients Sheetal Chauhan, Melaka Manipal Medical College, India
477	Evaluating drug safety of benzodiazepine and non-benzodiazepine medicine with chronic obstructive pulmonary disease Chung-Yu Chen, Kaohsiung Medical University, Taiwan
478	Analysis of individual case safety reports of drug-induced anaphylaxis in Korea Adverse Event Reporting System Database Minkyung Cho, Seoul National University Hospital, South Korea
479	Drug-stimulated nephrotoxicity Diamant Shtiza, University of Medicine, Albania
480	Drug - stimulated Nephrotoxicity Diamant Shtiza, University of Medicine, Albania
481	Diabetic ketoacidosis induced by SGLT2 inhibitors Yuan-Chang Huang, Chi-Mei Medical Center, Taiwan
482	Impact of deprescribing and counseling on quality of life amongst chronic H2 receptor antagonists and proton pump inhibitors consuming patients Padmanabuni Gayathri, M.S. Ramaiah University of Applied Sciences, India
483	Antipsychotic drugs and the risk of diabetic complications: A systematic review Nisrine Haddad, University of Ottawa, Canada
484	Investigation of drug-induced hearing loss using the Japanese Adverse Drug Event Report database Asuka Hatabu, Osaka University, Japan
485	Evaluation of warfarin usage and INR control in a hospital in Taiwan: A retrospective study Suhan Hsu, Taipei City Hospital, Taiwan
486	Risk of malignant lymphoma in patients with rheumatoid arthritis treated with biological disease-modifying antirheumatic drugs and methotrexate Ryo Inose, Osaka City University Hospital, Japan
487	Identification of background factors affecting the risk of specific adverse drug reactions in patients receiving dipeptidyl peptidase 4 inhibitors Daigo Kaseda, Keio University, Japan
488	Patterns of spontaneous adverse event reporting following HPV vaccination in Korea and the United States Myo Song Kim, Chung-ang University, South Korea
489	Selective serotonin reuptake inhibitor use and brain hemorrhage: Systematic review and meta-analysis Seonji Kim, Seoul National University College of Medicine, South Korea
490	Association between methylphenidate/atomoxetine use and long-term cardiovascular risk in pediatric patients with attention-deficit and hyperactivity disorder Heng-Ching Liao, National Taiwan University, Taiwan
491	Antiretroviral therapy and lactic acidosis: Risk quantification using disproportionality analysis in USFDA Adverse Event Reporting System (FAERS) Subeesh Kulangara Viswam, M.S. Ramaiah University of Applied Science, India
492	Incidence of proton pump inhibitors induced fundic gland polyps based on endoscopic findings: A prospective study Eswaran Maheswari, M.S. Ramaiah University of Applied Sciences, India

493	Attitude and willingness of residents towards deprescribing to minimize drug related problems Eswaran Maheswari, M.S. Ramaiah University of Applied Sciences, India
494	The study of local anesthetics` safety in electronic database of adverse drug reactions reports occurred in Crimea Republic in 2010-2018 Alexandr Matveev, National Scientific Center of Pharmacovigilance, Russia
495	Adverse effects of Fluoroquinolones: A retrospective cohort study in a tertiary health-care facility Sonal Sekhar Miraj, Manipal Academy of Higher Education, India
496	Feasibility assessment of a study for hepatitis-C patients using MID-NET as an early experience of the new database Makoto Miyazaki, MSDKK, Japan
497	Improving diabetes drug adherence using accurate information delivery to patients using drug dispensing history while securing patient's identity anonymity Reika Nakamura, CMIC Healthcare Co., Ltd., Japan
498	Novel adverse events of Bedaquiline: A disproportionality analysis in USFDA Adverse Event Reporting System database (FAERS) Subeesh Kulangara Viswam, M.S. Ramaiah University of Applied Science, India
499	Selective safety data collection (ICH E19 draft guideline) - When the safety profile of the drug is well-characterized? Hiroyuki Saeki, FUJIFILM Toyama Chemical Co., Ltd., Japan
500	The potential beneficial effects of low-dose aspirin on gastrointestinal cancers: A population-based cohort study in Hong Kong Jessica Shami, The University of Hong Kong, Hong Kong
501	How much evidence is needed before we conclude against the use of oxygen therapy in acute myocardial infarction? Ambrish Singh, University of Tasmania, India
502	Data sources supporting food and drug administration drug safety communications Noam Tau, Tel Aviv University, Israel
503	Effect of interaction between tacrolimus and mammalian target of rapamycin inhibitors on risk of non-Hodgkin lymphoma and non-melanoma skin cancer Takaya Uno, Kindai University, Japan
504	Proton pump inhibitors and infection-related hospitalizations among residents of long-term care facilities: A case-control study Kate Wang, Monash University, Australia
505	Evaluation of adverse drug reactions in Taiwan regional hospital Pin Hsin Wang, Taipei City Hospital Yangming Branch, Taiwan