

# Oral 1

**Grand Ballroom 104 (1F)**  
**November 18, 09:20-10:50**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO01-1	Jong Seung Kim	1393	09. Asthma	Severe asthma is associated with the adverse COVID-19 outcome A Big Data Study
2	09:30-09:40	AO01-2	David Price	1867	09. Asthma	Demographic and Clinical Characteristics of Patients with Severe Asthma in the Asian Pacific Region: data from the International Severe Asthma Registry (ISAR)
3	09:40-09:50	AO01-3	David Price	8103	09. Asthma	Ending the reign of short-acting $\beta_2$ -agonists in Australia?
4	09:50-10:00	AO01-4	Akio Mori	1166	09. Asthma	Pharmacological characterization of T cell-dependent steroid-resistant asthma model using several kinase inhibitors
5	10:00-10:10	AO01-5	Hye Yun Park*	1491	09. Asthma	Dupilumab sustains improvements in clinical efficacy and reductions in OCS use in patients with severe, OCS-dependent asthma: LIBERTY ASTHMA TRAVERSE study
6	10:10-10:20	AO01-6	David Price	1660	09. Asthma	The association of short-acting $\beta_2$ -agonist overuse with asthma control and severe exacerbations: an Australian perspective
7	10:20-10:30	AO01-7	Nagesh Dhadge (APSR Travel Award 10)	1562	09. Asthma	Correlation of pulmonary function measured by Forced Oscillation Technique, Spirometry and asthma control questionnaire

# Oral 2

**Grand Ballroom 104(1F)**  
**November 18, 15:50-17:20**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO02-1	Yong Qi	1415	02. Cell and Molecular Biology	Inhibition of fatty acid synthase protects obese mice from acute lung injury via amelioration of lung endothelial dysfunction
2	09:30-09:40	AO02-2	Koji Okamura	1282	02. Cell and Molecular Biology	CVA11 infection exerts potent immunogenic oncolytic activity in human malignant pleural mesothelioma via ICAM-1 receptor
3	09:40-09:50	AO02-3	Dmytro Butov	1929	02. Cell and Molecular Biology	Study of genetic variability of production strains of <i>M. bovis</i> BCG
4	09:50-10:00	AO02-4	Suji Jeong	1633	02. Cell and Molecular Biology	Glyoxalase-1 is essential for the definitive endoderm and alveolar development of human pluripotent stem cells
5	10:00-10:10	AO02-5	Hironobu Tsubouchi	1977	02. Cell and Molecular Biology	GHS-R1a deficiency mitigates lipopolysaccharide-induced lung injury in mice via the downregulation of macrophage activity
6	10:10-10:20	AO02-6	Hyejoo Bae	1175	02. Cell and Molecular Biology	Therapeutic blockade of SIRT1 in lipopolysaccharide-induced acute lung injury in mice
7	10:20-10:30	AO02-7	Kong Yen Liew	1557	02. Cell and Molecular Biology	Curcumin-like diarylpentanoic acid analogues inhibit influenza A virus (H1N1) replication and pro-inflammatory cytokines production in A549 lung epithelial cells

# Oral 3

ASEM Ballroom 201+202(2F)  
November 18, 11:10-12:40

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO03-1	Michelle Li Wei Kam	1338	16. Interstitial Lung Disease	Short leukocyte telomere lengths correlate with poorer survival and absolute FVC decline from baseline independent of ILD diagnosis
2	09:30-09:40	AO03-2	Sung Woo Park	1439	16. Interstitial Lung Disease	Role of ornithine aminotransferase in idiopathic pulmonary fibrosis: lung function decline and fibrogenesis
3	09:40-09:50	AO03-3	Nobuyasu Awano	1198	16. Interstitial Lung Disease	Direct hemoperfusion with polymyxin B-immobilized fibre column for acute exacerbation of idiopathic pulmonary fibrosis: A nationwide observational study
4	09:50-10:00	AO03-4	Kwonhyung Hyung	1647	16. Interstitial Lung Disease	Impact of initial dose of corticosteroid on clinical outcomes in acute exacerbation of idiopathic pulmonary fibrosis
5	10:00-10:10	AO03-5	Tae Hun Kim	1860	16. Interstitial Lung Disease	Monocyte Counts and the Clinical Outcomes in the Idiopathic Nonspecific Interstitial Pneumonia
6	10:10-10:20	AO03-6	Yeogha Yoon	1176	16. Interstitial Lung Disease	Therapeutic potential of an indole derivative in fatal fibrosing interstitial lung diseases
7	10:20-10:30	AO03-7	Eun Young Kim	1821	16. Interstitial Lung Disease	Effect of aspirin on mortality in patients with idiopathic pulmonary fibrosis; An analysis using the Korean National Health Insurance Service database from 2010 to 2020.
8	10:30-10:40	AO03-8	Tinn Hongboontry	8045	16. Interstitial Lung Disease	Immunogenicity and safety of ChAdOx1 nCoV-19 vaccine in interstitial lung disease patients with immunosuppressive therapy

# Oral 4

Grand Ballroom 104(1F)  
November 18, 11:10-12:40

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO04-1	Yedham Kang (APSR Young Investigator Award 9)	1960	06. Tuberculosis	Comparison of active tuberculosis case finding strategies for immigrants in South Korea: epidemiology and cost-effectiveness analysis
2	11:20-11:30	AO04-2	Jinsoo Min	1141	06. Tuberculosis	People with disabilities are at risk of tuberculosis: a nationwide serial cross-sectional study
3	11:30-11:40	AO04-3	Minh Sang Nguyen	1117	06. Tuberculosis	INDUCED SPUTUM IN THE DIAGNOSIS OF SMEAR-NEGATIVE PULMONARY TUBERCULOSIS
4	11:40-11:50	AO04-4	Chetan Rao Vaddepally (APSR Travel Award 6)	1655	06. Tuberculosis	Diagnostic performance of XPERT-MTB/RIF and XPERT-MTB/RIF Ultra on thoracoscopic pleural biopsy specimens for diagnosing pleural tuberculosis &ndash; A single center experience of 534 patients.
5	11:50-12:00	AO04-5	Areum Han	1839	06. Tuberculosis	Clinical course and risk factors associated with paradoxical responses in patients with mediastinal lymph node tuberculosis
6	12:00-12:10	AO04-6	Ko-Yun Chang	1443	06. Tuberculosis	Comparison of different types of fixed-dose combination regimen for treatment of tuberculosis in elderly patients in Taiwan
7	12:10-12:20	AO04-7	Myung Mi Cho	1427	06. Tuberculosis	The treatment outcome of pulmonary tuberculosis with or without pyrazinamide for patients under or over the age of 80 in Osaka city, Japan.
8	12:20-12:30	AO04-8	Hyung-Jun Kim	1693	06. Tuberculosis	Real-world experience of rifampicin sparing treatment for drug-susceptible pulmonary tuberculosis

# Oral 5

**Grand Ballroom 105(1F)  
November 18, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO05-1	Yanan Wang	1108	08. Lung Cancer	Study on the mechanism of msc-mirna-198-exos regulating mapk1 in malignant pleural effusion associated with non-small cell lung cancer
2	11:20-11:30	AO05-2	Lanlan Lin	8084	08. Lung Cancer	KCNK3 inhibits proliferation and glucose metabolism of lung adenocarcinoma via activation of AMPK-TXNIP pathway
3	11:30-11:40	AO05-3	Lanlan Lin	1112	08. Lung Cancer	Integrated profiling of endoplasmic reticulum stress-related DERL3 in prognostic and immune features of lung adenocarcinoma
4	11:40-11:50	AO05-4	Jeong Uk Lim	8046	08. Lung Cancer	Pilot study: comparative analysis of immune related gene expression in lung adenocarcinoma tissues between never smokers, non-emphysematous smokers and emphysematous lungs
5	11:50-12:00	AO05-5	Shin Yup Lee	1885	08. Lung Cancer	Single-cell RNA sequencing reveals distinct molecular features of high-grade lung adenocarcinoma subtypes.
6	12:00-12:10	AO05-6	Junji Koyama	1567	08. Lung Cancer	Artificial intelligence-based personalized survival prediction using clinical and radiomics features in patients with advanced non-small cell lung cancer
7	12:10-12:20	AO05-7	Yunjoo Im	1298	08. Lung Cancer	Lung Cancer Screening with Low-Dose CT in Never Smokers and Smokers: the real-world data in South Korea
8	12:20-12:30	AO05-8	Jiashen Zhao	1144	08. Lung Cancer	Assessment of traditional risk factors in Lung Cancer Patients who do not fit into NLST criteria

# Oral 6

**ASEM Ballroom 201+202(2F)  
November 18, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO06-1	Adhithi Anggoro (Young Investigator Award 5)	1316	05. Respiratory Infections (non-tuberculous)	The correlation of serum fibrinogen levels and the degree of pulmonary fibrosis among COVID-19 patients using post mortem core biopsy
2	11:20-11:30	AO06-2	Thotsaporn Morasert	1300	05. Respiratory Infections (non-tuberculous)	Clinical characteristics and risk factors associated with mortality of patients with COVID-19 at Bussarakham Field Hospital, Thailand
3	11:30-11:40	AO06-3	Yoshifumi Suzuki (APSR Young Investigator Award 10)	1337	05. Respiratory Infections (non-tuberculous)	Exploratory study of predictive factors of disease progression in the early stage of COVID-19
4	11:40-11:50	AO06-4	Inhan Lee	1421	05. Respiratory Infections (non-tuberculous)	Prognostic factors for pulmonary fibrosis followed by pneumonia in patient with COVID-19
5	11:50-12:00	AO06-5	Farhan Mubarak	1444	05. Respiratory Infections (non-tuberculous)	Association between Cardiovascular Diseases with Pneumonia COVID-19 Clinical Outcome in Jakarta, Indonesia: a Retrospective Cohort Multi-center Study
6	12:00-12:10	AO06-6	Jing Xu	1036	05. Respiratory Infections (non-tuberculous)	T Cell Receptor &beta; Repertoires in COVID-19 Patients Reveal Signatures Associated with Disease Severity
7	12:10-12:20	AO06-7	Shinya Otsuka (APSR Young Investigator Award 6)	1181	05. Respiratory Infections (non-tuberculous)	The Changes in Antibody Responses Induced by the BNT162b2 mRNA COVID-19 Vaccine in Healthcare Workers in a Single Community Hospital in Japan
8	12:20-12:30	AO06-8	SHITAL PATIL	1003	05. Respiratory Infections (non-tuberculous)	Long covid is more common, underestimated, important health issue in Post covid-19 care setting: Prospective, observational and interventional study of 6000 cases in tertiary care setting in India.

# Oral 7

**Grand Ballroom 104(1F)**  
**November 18, 14:00-15:30**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO07-1	Chin Kook Rhee	8078	07. COPD	The effect of N-acetylcysteine nebulizer therapy on chronic obstructive pulmonary disease
2	14:10-14:20	AO07-2	Nurdin Shakiev	1374	07. COPD	Self-monitoring to detect early signs of altitude illness in COPD. A diagnostic accuracy study.
3	14:20-14:30	AO07-3	Hey Soo Kim	1938	07. COPD	Association of N-terminal proB-type Natriuretic Peptide (NT-proBNP) with airflow limitation and exacerbation in COPD
4	14:30-14:40	AO07-4	Jang Ho Lee	8039	07. COPD	Development of a scoring model for the prediction of the effects of discontinuation or addition of inhaled corticosteroid in chronic obstructive pulmonary disease patients
5	14:40-14:50	AO07-5	Lanlan Lin	8087	07. COPD	Identification of hub genes of airway epithelial cells in chronic obstructive pulmonary disease
6	14:50-15:00	AO07-6	Youlim Kim	8094	07. COPD	Image standardization through kernel conversion of CT in KOCOSS cohort
7	15:00-15:10	AO07-7	Iseul Yu	1285	07. COPD	Risk of tuberculosis caused by fluticasone propionate versus budesonide in chronic obstructive pulmonary disease: a nationwide population based study
8	15:10-15:20	AO07-8	Kensuke Fukuda	1313	07. COPD	Association of F-FDG uptake in semi-quantitative PET/CT with emphysema progression in smokers: a retrospective observational study
9	15:20-15:30	AO07-9	Jong Seung Kim	1395	07. COPD	COPD is a risk factor for COVID-19, but does not confer increased severity of the disease

# Oral 8

**Grand Ballroom 105(1F)**  
**November 18, 14:00-15:30**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO08-1	Bo-Guen Kim	1732	08. Lung Cancer	Clinical utility of endobronchial ultrasound-guided transbronchial needle aspiration in clinical N1 non-small cell lung cancer patients
2	14:10-14:20	AO08-2	Woo Kyung Ryu	2001	08. Lung Cancer	The superiority of bronchial washing fluid for detection of EGFR mutations by droplet digital PCR in lung adenocarcinoma
3	14:20-14:30	AO08-3	In Ae Kim	1471	08. Lung Cancer	A Prospective Phase 2 Study of Rapid Detection and EGFR-TKI Initiation by EV-based BALF Liquid Biopsy in Advanced NSCLC Patients
4	14:30-14:40	AO08-4	David Fielding	1627	08. Lung Cancer	Diff-Quik smears from EBUS TBNA procedures: evaluating measures of tumour cellularity and feasibility of whole genome sequencing (WGS)
5	14:40-14:50	AO08-5	Chaek Chung	1787	08. Lung Cancer	Successful culture of lung cancer organoid derived from cryo-biopsy sample of lung cancer
6	14:50-15:00	AO08-6	Sang-Won Um	1314	08. Lung Cancer	Establishment of human lung cancer organoids using EBUS-TBNA specimens and surgical tissues
7	15:00-15:10	AO08-7	santoso arif	1999	08. Lung Cancer	COX-2 and IL-6 are associated with progressive stages and metastasis process in advanced NSCLC
8	15:10-15:20	AO08-8	Juwhan Choi	8057	08. Lung Cancer	The Associations of Hypertension Medication with Lung Cancer Risk and related Mortality

# Oral 9

ASEM Ballroom 201+202(2F)  
November 18, 14:00-15:30

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO09-1	Yoo Jung Lee	1283	16. Interstitial Lung Disease	The preventive effects of statin on lung cancer development in patients with idiopathic pulmonary fibrosis using National Health Insurance Service Database in Korea
2	14:10-14:20	AO09-2	Gin Tsen Chai	1081	16. Interstitial Lung Disease	Health-related quality of life in a multi-ethnic Asian interstitial lung disease cohort
3	14:20-14:30	AO09-3	Park Jong Sun	2006	16. Interstitial Lung Disease	Monitoring of cough in patients with ILD by smartphone application: Preliminary results
4	14:30-14:40	AO09-4	Hyeonsu Lee	1646	16. Interstitial Lung Disease	Prognostic implication of 1-year decline in diffusing capacity in newly diagnosed IPF
5	14:40-14:50	AO09-5	Sungmin Zo	1823	16. Interstitial Lung Disease	Clinical characteristics and outcomes of hypersensitivity pneumonitis in South Korea
6	14:50-15:00	AO09-6	Yongjae Choi	1481	16. Interstitial Lung Disease	The incidence and risk factors of persistent pulmonary fibrotic change after COVID-19 infection.
7	15:10-15:20	AO09-8	Jiyoul Yang	8075	16. Interstitial Lung Disease	Acute exacerbation of progressive fibrosing interstitial lung disease: incidence and outcomes
8	15:20-15:30	AO09-9	Jin-Young Huh	8096	16. Interstitial Lung Disease	Impact of non-tuberculous mycobacterial pulmonary disease on clinical outcomes in idiopathic pulmonary fibrosis: a landmark analysis

# Oral 10

Grand Ballroom 105(1F)  
November 18, 15:50-17:20

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	15:50-16:00	AO10-1	Ye Wang	1581	07. COPD	Developing and Validating the NEAR Models for Integrated Prediction of the 30-day Re-exacerbation and Readmission in Patients Hospitalized with Acute Exacerbation of COPD in China
2	16:00-16:10	AO10-2	Yan Chen	1143	07. COPD	Validation and optimization of COPD population screener questionnaire (COPD-PS) in Chinese population: A national multicenter study
3	16:10-16:20	AO10-3	Tai Joon An	8109	07. COPD	Clinical characteristics of tuberculosis-destroyed lung chronic obstructive pulmonary disease
4	16:20-16:30	AO10-4	Shih-Yu Chen (APSR Young Investigator Award 4)	1013	07. COPD	Heart-rate recovery immediately after exercise is useful in exacerbation prediction in chronic obstructive pulmonary disease when spirometry is not available
5	16:30-16:40	AO10-5	P K Maggie Lit	1160	07. COPD	Evaluation of the effectiveness of the advanced Evidence-Based Practice (EBP) Programme &nbsp; &ndash; Bundle of care to prevent COPD unplanned readmission
6	16:40-16:50	AO10-6	Chiwook Chung	1494	07. COPD	Mobile application based pulmonary rehabilitation in patients with chronic obstructive pulmonary disease
7	16:50-17:00	AO10-7	Hyo Jin Lee	1678	07. COPD	Prognostication using the severity classification based on Rome proposal for acute exacerbation of chronic obstructive pulmonary disease
8	17:00-17:10	AO10-8	Yu Jin Hong	1407	07. COPD	Association between depression and anxiety index and frequency of acute exacerbation in chronic obstructive pulmonary disease.

# Oral 11

**ASEM Ballroom 201+202(2F)  
November 18, 15:50-17:20**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	15:50-16:00	AO11-1	Giap Vu Van	1944	11. Critical Care Medicine	Clinical characteristics and risks to mortality among severe patients with COVID-19 from B.1.617.2 (Delta) variant
2	16:00-16:10	AO11-2	Sheila Grail Ganangan-Mandaiyas	1641	11. Critical Care Medicine	The Utility of Estimating the Shunt Fraction of Critical Patients with COVID-19 in determining the outcome of High Flow Nasal Cannula at Lung Center of the Philippines, a pilot study.
3	16:10-16:20	AO11-3	Won-Young Kim	1781	11. Critical Care Medicine	Extracorporeal membrane oxygenation or prone positioning for COVID-19 acute respiratory distress syndrome: a prospective multicenter observational study
4	16:20-16:30	AO11-4	PROF DR SHITAL PATIL	1004	11. Critical Care Medicine	Radiological Phenotypes' in Covid-19 Pneumonia: Retrospective, Multicentric study of 6000 cases in tertiary care setting in India
5	16:30-16:40	AO11-5	Jung-Wan Yoo	1850	11. Critical Care Medicine	Comparison of pulmonary fibrosis between delta and non-delta variant periods in critically ill patients with SARS-CoV-2: A multicenter observational study in South Korea
6	16:50-17:00	AO11-7	Won-Young Kim	1216	11. Critical Care Medicine	Association of corticosteroid or paralytic use with mortality in patients with H1N1, non-H1N1/COVID-19, and COVID-19 acute respiratory distress syndrome: a nationwide cohort study
7	17:00-17:10	AO11-8	Woo Hyun Cho	8036	11. Critical Care Medicine	Treatment outcomes and healthcare resource use in critically ill COVID-19 patients in Korea: a nationwide multi-center cohort study

# Oral 12

**Grand Ballroom 104(1F)  
November 19, 09:20-10:50**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO12-1	An-Soo Jang	1306	09. Asthma	CSN5 is involved in asthma via interaction with PD-L1
2	09:30-09:40	AO12-2	Joon Young Choi	1736	09. Asthma	Effects of human adipose tissue- and bone marrow-derived mesenchymal stem cells on airway inflammation and remodeling in a murine model of chronic asthma
3	09:40-09:50	AO12-3	Halime Yildirim	1242	09. Asthma	Candidate miRNA genes as biomarker in allergic asthma disease
4	09:50-10:00	AO12-4	Jong Seung Kim	1391	09. Asthma	Septal deviation could be associated with the development of bronchial asthma: a nationwide cohort study
5	10:00-10:10	AO12-5	Jae-Woo Kwon	1197	09. Asthma	Montelukast and pranlukast related neuropsychiatric events in adults with asthma and rhinitis
6	10:10-10:20	AO12-6	Dimas Trend Pinaka Baladika	1289	09. Asthma	Improvements of Clinical Symptoms and Lung Function in Asthma Patients After Montelukast Therapy at Harum Melati Clinic, Pringsewu Regency, Lampung Province, Indonesia 2017 &ndash; 2020
7	10:20-10:30	AO12-7	Min Seok Chang	1890	09. Asthma	Selecting representative questions in Asthma Control Test
8	10:30-10:40	AO12-8	Chin Kook Rhee*	1530	09. Asthma	Dupilumab improved lung function and reduced exacerbation rates in patients with moderate-to-severe asthma and prior exacerbations: LIBERTY ASTHMA

# Oral 13

Grand Ballroom 105(1F)  
November 19, 09:20-10:50

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO13-1	Lei Wang	1748	15. Pulmonary Circulation	Culin5/TRAF6/NF-kb/VEGF-mediated endothelial dysfunction aggravates hypoxic pulmonary hypertension
2	09:30-09:40	AO13-2	Norihiko Goto	1246	15. Pulmonary Circulation	Combination of CARSKNKDC(CAR) peptide with sildenafil in the treatment of pulmonary hypertension associated with emphysema induced by SU5416 in rats
3	09:40-09:50	AO13-3	Joonyong Jang	1709	15. Pulmonary Circulation	Clinical experiences of high-risk pulmonary thromboembolism receiving extracorporeal membrane oxygenation in single institution
4	09:50-10:00	AO13-4	Hun-Gyu Hwang	1011	15. Pulmonary Circulation	Anticoagulation in Patients with Antiphospholipid Syndrome-associated Venous Thromboembolism: A Nationwide Study
5	10:00-10:10	AO13-5	Olivia Faye Listanco	1475	15. Pulmonary Circulation	Correlation of pulmonary artery enlargement in chest CT with Mortality of COVID-19 patients admitted at Manila Doctors Hospital from March-August 2020: A Retrospective Cohort
6	10:10-10:20	AO13-6	Aisya Natasya Musa	1943	15. Pulmonary Circulation	Independent Predictors of Pulmonary Embolism in Severe SARS-CoV-2
7	10:20-10:30	AO13-7	Hui Xin Tan	1502	15. Pulmonary Circulation	Submassive Pulmonary Embolism Case Series - A Single Tertiary Centre Experience
8	10:30-10:40	AO13-8	Nichanun Chiansirikraivuti	1121	15. Pulmonary Circulation	Clinical characteristics and outcomes of pulmonary hypertension patients who underwent right heart catheterization in Thailand: 5-year retrospective single-center study

# Oral 14

ASEM Ballroom 201+202(2F)  
November 19, 09:20-10:50

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	09:20-09:30	AO14-1	Eunhye Bae	1879	11. Critical Care Medicine	Association of Clonal Hematopoiesis of Indeterminate Potential with Increased Risk of Acute Respiratory Distress Syndrome
2	09:30-09:40	AO14-2	Pongpat Klumusuk	1489	11. Critical Care Medicine	Diaphragm thickening fraction for predicting weaning success in COPD patients
3	09:40-09:50	AO14-3	Jae Kyeom Sim	1625	11. Critical Care Medicine	Association between mechanical power and intensive care unit mortality according to the use of neuromuscular blockade in patients under pressure-controlled ventilation
4	09:50-10:00	AO14-4	Song-I Lee	1430	11. Critical Care Medicine	Influences of do-not-resuscitate orders and physician orders for life-sustaining treatment of patients in the medical intensive care unit
5	10:00-10:10	AO14-5	Jae Kyeom Sim	1630	11. Critical Care Medicine	Mechanical ventilation in idiopathic pulmonary fibrosis patients in Korea: a nationwide population-based study
6	10:10-10:20	AO14-6	Dong-gon Hyun	1157	11. Critical Care Medicine	The impact of early sedation depth on clinical outcomes in mechanically ventilated patients in Korean intensive care units
7	10:20-10:30	AO14-7	Yue Deng	1243	11. Critical Care Medicine	Endothelial Fgfr1 deficiency worsen LPS induced ALI/ARDS.
8	10:30-10:40	AO14-8	Won Jin Lee	8038	11. Critical Care Medicine	A survey of the awareness and understanding of healthcare staff on rehabilitation for critically ill patients

# Oral 15

**Grand Ballroom 103(1F)**  
**November 19, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO15-1	Ching Man Tiffany Choi	1408	05. Respiratory Infections (non-tuberculous)	A community-base pulmonary rehabilitation programme for the elderly recovered from Coronavirus 2019 (COVID-19)
2	11:20-11:30	AO15-2	Ahmed Masum	1380	05. Respiratory Infections (non-tuberculous)	Steroid and/or Antifibrotic Treatment on Improvement of Post Covid Lung Function
3	11:30-11:40	AO15-3	Ibrahim Salaheldin Ibrahim	1329	05. Respiratory Infections (non-tuberculous)	Remdesivir Efficacy in Coronavirus Disease: A Randomized trial
4	11:40-11:50	AO15-4	Dhammika Leshan Wannigama	1263	05. Respiratory Infections (non-tuberculous)	Combining Fluvoxamine with Bromhexine prevents clinical deterioration in outpatients with mild to moderate symptomatic SARS-CoV-2. A Randomized Clinical Trial
5	11:50-12:00	AO15-5	Kwang Yong Choi	1613	05. Respiratory Infections (non-tuberculous)	Different treatment response to systemic corticosteroids according to white blood cell counts in severe COVID-19 patients
6	12:00-12:10	AO15-6	Pimchanok Patanayindee	1187	05. Respiratory Infections (non-tuberculous)	The effect of nintedanib in post-COVID-19 lung fibrosis: an observational study
7	12:10-12:20	AO15-7	Benjo Ato (APSR Travel Award 6)	1114	05. Respiratory Infections (non-tuberculous)	Short Term Effects in Pulmonary Function and Chest High Resolution Computed Tomography Scan Among COVID-19 Recovered Adult Patients in a Tertiary Hospital in Davao City
8	12:20-12:30	AO15-8	Angelo Roleo Battung	1075	05. Respiratory Infections (non-tuberculous)	Characteristics, Management, and Outcomes of COVID-19 Patients Admitted in Tertiary Private Hospital in Naga City, Camarines A Retrospective Cohort Study
9	12:30-12:40	AO15-9	Chun Ian Soo	1465	05. Respiratory Infections (non-tuberculous)	Methyprednisolone versus Dexamethasone for severe COVID-19 infection: A retrospective comparative analysis of our early experience.

# Oral 16

**Grand Ballroom 104(1F)**  
**November 19, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO16-1	Seung Heon Lee	1953	06. Tuberculosis	Comparison between phenotypic and whole-genome sequencing drug susceptibility testing in multi-drug resistant Mycobacterium tuberculosis isolates from South Korea
2	11:20-11:30	AO16-2	Caroline Victoria Choong	1276	06. Tuberculosis	False positive rifampicin resistant results by Xpert MTB/RIF point-of-care testing at the Singapore Tuberculosis Control Unit
3	11:30-11:40	AO16-3	Jerlyn Huixian Woo	1278	06. Tuberculosis	Frequency and probe distribution of mutations detected by Xpert MTB/RIF in Tuberculosis Control Unit Singapore
4	11:40-11:50	AO16-4	Hee Joo Lee	1341	06. Tuberculosis	Minimum Inhibitory Concentration of Bedaquiline and Clofazimine in Drug resistant Mycobacterium Tuberculosis clinical isolates in Korea
5	11:50-12:00	AO16-5	Jiwon RYOO	1795	06. Tuberculosis	Isoniazid-resistant tuberculosis is associated with hepatotoxicity: a prospective multicenter cohort study of pulmonary tuberculosis
6	12:00-12:10	AO16-6	Cahyo Guntoro	1762	06. Tuberculosis	The proportion of latent tuberculosis infection using interferon gamma release assay in household contact with drug-resistant tuberculosis patients at persahabatan hospital: Preliminary report
7	12:10-12:20	AO16-7	PROF DR SHITAL PATIL	1012	06. Tuberculosis	Cardiac dysfunction in Active Pulmonary Tuberculosis: Prospective, Observational and Interventional study in tertiary care setting in India
8	12:20-12:30	AO16-8	Elok Hikmatun Nikmah	1855	06. Tuberculosis	Nutritional Status of Hospitalized Tuberculosis Patients In South Kalimantan, Indonesia
9	12:30-12:40	AO16-9	Geramie Acebuque	1132	06. Tuberculosis	Clinical Profile and Outcomes of Covid 19 Patients with Concomitant Pulmonary Tuberculosis: A Cross Sectional Study at Veterans Memorial Medical Center



# Oral 17

Grand Ballroom 105(1F)  
November 19, 11:10-12:40

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	11:10-11:20	AO17-1	Jung Hyun Nam	1245	08. Lung Cancer	Identification of predictive factors for early relapse in patients with unresectable stage III NSCLC receiving consolidation durvalumab after concurrent chemoradiation
2	11:20-11:30	AO17-2	Cheol-Kyu Park	1312	08. Lung Cancer	Evaluation of Blood Tumor Mutation Burden for Efficacy of Second-Line Atezolizumab Treatment in Non-small Cell Lung Cancer: BUDDY trial
3	11:30-11:40	AO17-3	Da Hyun Kang	1935	08. Lung Cancer	Soluble PD-L1 levels correlate with efficacy of PD-1/PD-L1 inhibitors in lung cancer
4	11:40-11:50	AO17-4	Eun Hye Lee	1914	08. Lung Cancer	Real-world analysis of the EGFR T790M mutation in plasma and tissue biopsy from advanced non-small cell lung cancer
5	11:50-12:00	AO17-5	Hye Seon Kang	8052	08. Lung Cancer	Clinicopathologic characteristics of NSCLC patients with uncommon EGFR mutations in Korea
6	12:00-12:10	AO17-6	Wei-Fan Ou	1239	08. Lung Cancer	The clinical outcomes of different first-line treatment strategies in advanced non-small cell lung cancer patients with EGFR exon 20 insertion mutation
7	12:10-12:20	AO17-7	Ha-Young Park	1486	08. Lung Cancer	Never-smoker small cell lung cancer had better chemotherapeutic response than smoker
8	12:20-12:30	AO17-8	Jeong Uk Lim	1472	08. Lung Cancer	Prognostic values of baseline pulmonary functions in patients with non-small cell lung cancer under immunotherapy

# Oral 18

Grand Ballroom 105(1F)  
November 19, 11:10-12:40

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO18-1	Stephanie Palacios (APSR Young Investigator Award 1)	1122	04. Environmental and Occupational Health and Epidemiology	Clinical Profile of COVID-19 Vaccinated Individuals who Developed Breakthrough Infections: A Systematic Review
2	14:10-14:20	AO18-2	Tetsuo Kimura	1637	04. Environmental and Occupational Health and Epidemiology	Retrospective accuracy evaluation of a long-term, large number spirometry dataset of a health check-up clinic of Japan
3	14:20-14:30	AO18-3	Jimin Jang (APSR Young Investigator Award 2)	1653	04. Environmental and Occupational Health and Epidemiology	Involvement of RAGE and oxidative stress in chronic inflammation
4	14:30-14:40	AO18-4	Ji-Young Lee (APSR Travel Award 8)	1991	04. Environmental and Occupational Health and Epidemiology	Combined association of climatic change, air pollution, and green space exposure with risk of respiratory diseases in 6-month-old infants
5	14:40-14:50	AO18-5	Jooyeon Lee (APSR Young Investigator Award 7)	1659	04. Environmental and Occupational Health and Epidemiology	Priming with cytokine B enhances therapeutic capacities of mesenchymal stem cells in acute lung injury (ALI)
6	14:50-15:00	AO18-6	Jung Yeon Shim	1386	04. Environmental and Occupational Health and Epidemiology	Trends of five year ambient air pollutant levels and hospitalization rate due to respiratory viral infection in Korean children
7	15:00-15:10	AO18-7	Minje Kang	1638	04. Environmental and Occupational Health and Epidemiology	Effects of PM2.5 exposure on early alveolar development and DNA methylation using human pluripotent stem cell-derived alveolar organoid system
8	15:00-15:10	AO18-8	Densenbal Dansran	8029	04. Environmental and Occupational Health and Epidemiology	Incidence of silicosis and dust exposure among small-scale gold miners in Mongolia

# Oral 19

**Grand Ballroom 103(1F)  
November 19, 14:00-15:30**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO19-1	Dmytro Butov	1082	06. Tuberculosis	Features of radiological signs in patients with multidrug-resistant\extensively drug-resistant pulmonary tuberculosis
2	14:10-14:20	AO19-2	Alif Fathurrachman	1179	06. Tuberculosis	Infiltrate lesion area as a predictor of the likelihood of drug resistance tuberculosis in Indonesia South Sumatera
3	14:20-14:30	AO19-3	Sadia Sultana Resma	1182	06. Tuberculosis	Effectiveness of the WHO short treatment (STR) Regimen of MDR-TB
4	14:30-14:40	AO19-4	Yong-Soo Kwon	1631	06. Tuberculosis	Treatment outcomes of multidrug-resistant tuberculosis with selective use of bedaquiline/delamanid guided by an expert committee: a nationwide cohort study in South Korea
5	14:40-14:50	AO19-5	Thi Mai Phuong Nguyen (APSR Travel Award 5)	1253	06. Tuberculosis	Effectiveness and safety of Bedaquiline-based, modified shorter treatment regimen for Rifampicin resistant Tuberculosis in Vietnam
6	14:50-15:00	AO19-6	Bolyskhan Baigabyl	1424	06. Tuberculosis	The myelosuppressive effect of linezolid among drug-resistant tuberculosis patients in Mongolia
7	15:00-15:10	AO19-7	CITRA CESILIA	1372	06. Tuberculosis	Ethionamide-induced hypothyroidism in drug-resistance tuberculosis children: how frequently does it happen?
8	15:10-15:20	AO19-8	Jodie Bancod	1539	06. Tuberculosis	SAD TB LUNG: SCREENING OF ANXIETY AND DEPRESSION AMONG MULTI DRUG RESISTANT TUBERCULOSIS IN A TERTIARY HOSPITAL
9	15:20-15:30	AO19-9	Jamaluddin Madolangan	1092	06. Tuberculosis	Analysis of treatment success rates of drug resistant tuberculosis with all oral regimens in South Sulawesi

# Oral 20

**Grand Ballroom 105(1F)  
November 19, 14:00-15:30**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:00-14:10	AO20-1	Jamaluddin Madolangan	1094	03. Clinical Allergy and Immunology	Correlation of COVID-19 vaccine history and the duration of negative conversion time of COVID-19 patients in Labuang haji hospital and Asrama haji field hospital
2	14:10-14:20	AO20-2	Pyng Lee (APSR Travel Award 7)	1865	03. Clinical Allergy and Immunology	Bronchial Thermoplasty or Biologics for Severe Asthma: A Systematic Review and Network Meta-Analysis
3	14:20-14:30	AO20-3	Song-I Lee (APSR Young Investigator Award 8)	1751	03. Clinical Allergy and Immunology	The effectiveness of IL-6 and PD-1 antibody blockade combination therapy in a murine model of sepsis
4	14:30-14:40	AO20-4	Yong Chul Lee	1675	03. Clinical Allergy and Immunology	Severe asthma is associated with adverse COVID-19 outcomes

# Oral 21

**ASEM Ballroom 201+202(2F)**  
**November 19, 14:00-15:30**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	14:40-14:50	AO21-1	Heayon Lee	1271	10. Respiratory Neurobiology and Sleep	Effects of chronic intermittent hypoxia on bleomycin induced interstitial pulmonary fibrosis elderly mouse model
2	14:00-14:10	AO21-2	MUHAMMAD FARID MOHD FAUAD	1236	10. Respiratory Neurobiology and Sleep	Prevalence of cognitive impairment and the effect of continuous positive airway pressure (CPAP) towards cognition among patients with obstructive sleep apnoea (OSA)
3	14:10-14:20	AO21-3	Yiting Tang (APSR Young Investigator Award 3)	1210	10. Respiratory Neurobiology and Sleep	Impact of change in CPAP initiation practice during COVID-19 pandemic on acceptance and short-term adherence.
4	14:20-14:30	AO21-4	Yina Wang (APSR Travel Award 1)	1254	10. Respiratory Neurobiology and Sleep	OSAHS can induce retinal microvascular abnormalities
5	14:30-14:40	AO21-5	Narongkorn Saiphoklang (APSR Travel Award 4)	1696	10. Respiratory Neurobiology and Sleep	Factors affecting CPAP adherence in Thai patients with obstructive sleep
6	14:40-14:50	AO21-6	Yayong Li	1550	10. Respiratory Neurobiology and Sleep	Intermittent hypoxia up regulates mTOR expression in hepatic macrophages through CX3CL1/CX3CR1
7	14:50-15:00	AO21-7	Yina Wang	1206	10. Respiratory Neurobiology and Sleep	IH can induce apoptosis of macrophage
8	15:00-15:10	AO21-8	Brian Nelson Ong (APSR Travel Award 9)	1001	10. Respiratory Neurobiology and Sleep	A systematic review and meta-analysis on the efficacy of telemedicine compared to face-to-face consultations in promoting CPAP compliance among OSA patients

# Oral 22

**Grand Ballroom 103(1F)**  
**November 19, 15:50-17:20**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	15:10-15:20	AO22-1	Hyeontaek Hwang	1125	05. Respiratory Infections (non-tuberculous)	Risk factors for mortality and progressive disease of nontuberculous mycobacterial lung disease: a systematic review and meta-analysis
2	15:50-16:00	AO22-2	Sheng-Wei Pan	1199	05. Respiratory Infections (non-tuberculous)	Risk Mycobacterium avium complex-lung disease and single nucleotide polymorphisms in programmed cell death-1 gene
3	16:00-16:10	AO22-3	Hung-Ling Huang	1220	05. Respiratory Infections (non-tuberculous)	Spatial analysis and population genomics study of Mycobacterium kansasii in southern Taiwan
4	16:10-16:20	AO22-4	Hyung-Jun Kim	1688	05. Respiratory Infections (non-tuberculous)	Another Step into the BACES: Validation of the Prognostic Score for Nontuberculous Mycobacterial Pulmonary Disease
5	16:20-16:30	AO22-5	Sol Kim	1738	05. Respiratory Infections (non-tuberculous)	Nomogram for Predicting Mortality in Patients with Mycobacterium avium Complex Pulmonary Disease
6	16:30-16:40	AO22-6	Sae Rom Kim	1905	05. Respiratory Infections (non-tuberculous)	The clinical characteristics of Mycobacterium fortuitum pulmonary disease and the treatment outcomes
7	16:40-16:50	AO22-7	Eun Ki Chung	1771	05. Respiratory Infections (non-tuberculous)	Effect of computed tomography-measured body composition on the prognosis of Mycobacterium avium complex pulmonary disease patients in Koreans.
8	16:50-17:00	AO22-8	Larry Ellee Nyanti	1545	05. Respiratory Infections (non-tuberculous)	Mediastinal masses and collections in culture-positive melioidosis: 4-year review in northern Sabah, Borneo
9	10:30-10:40	AO22-9	Animesh Ray	8019	05. Respiratory Infections (non-tuberculous)	A study on the relationship of different comorbidities with morbid histopathological changes in COVID-19 patients using minimally invasive tissue sampling

# Oral 23

**Grand Ballroom 105(1F)**  
**November 19, 15:50-17:20**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	10:40-10:50	AO23-1	Munehiro Seki	8054	07. COPD	Benefits of budesonide/glycopyrronium/formoterol fumarate dihydrate triple therapy versus dual therapies in patients with COPD and additional asthma features: post-hoc analysis of KRONOS and ETHOS
2	15:50-16:00	AO23-2	Ekaterina Kulik	1639	07. COPD	Hemostasis parameters in the patients with chronic obstructive pulmonary disease in the period of persistent symptomatic new coronavirus infection (COVID-19)
3	16:00-16:10	AO23-3	Juye Bae	1652	07. COPD	Risk factors of disease progression in young patients with COPD
4	16:10-16:20	AO23-4	Tetsuo Kimura	1734	07. COPD	A reference range of FEV <sub>1</sub> change rate calculated from a longitudinal analysis of a 15 years spirometry dataset of a health check-up clinic of Japan
5	16:20-16:30	AO23-5	Ji Won Park	1923	07. COPD	Exercise performance on the prognosis of mild and moderate COPD
6	16:30-16:40	AO23-6	Yunjoo Im	1954	07. COPD	Impact of Preserved Ratio Impaired Spirometry on coronary artery calcium score progression: a longitudinal cohort study

# Oral 24

**ASEM Ballroom 201+202(2F)**  
**November 19, 15:50-17:20**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	16:40-16:50	AO24-1	Umang Shah	1397	12. Bronchoscopy and Interventional Techniques	Safety and Efficacy of Transbronchial Lung CrYO Biopsy vs Forceps Biopsy in diagnosis of Fibrotic Lung Disease - "Biopsies and Beyond"
2	15:50-16:00	AO24-2	Dongil Park	1277	12. Bronchoscopy and Interventional Techniques	Cryobiopsy for peripheral pulmonary lesions using 1.1 mm cryoprobe and guide sheath without fluoroscopy
3	16:00-16:10	AO24-3	Jung Seop Eom	1402	12. Bronchoscopy and Interventional Techniques	Transbronchial biopsy by radial probe endobronchial ultrasound followed by cryobiopsy using a novel 1.1-mm diameter cryoprobe
4	16:10-16:20	AO24-4	Azat Azrai Azmel	1369	12. Bronchoscopy and Interventional Techniques	Thoracic Vent versus Conventional Intercostal Tube Drainage in Management of Pneumothorax in University Kebangsaan Malaysia Medical Centre (UKMMC): A Pilot Study
5	16:20-16:30	AO24-5	Hua Zhang	1513	12. Bronchoscopy and Interventional Techniques	The value of finer rigid medical thoracoscope in APC-plus for the treatment of primary spontaneous pneumothorax(PSP)
6	16:30-16:40	AO24-6	Jin-Young Huh	1725	12. Bronchoscopy and Interventional Techniques	Endobronchial valves for emphysema and persistent air-leak: 9-year experience in one Asian Country
7	16:40-16:50	AO24-7	Ganghee Chae	1336	12. Bronchoscopy and Interventional Techniques	Feasibility and safety of pleural biopsy using rigid forceps in semi-rigid medical thoracoscopy
8	16:50-17:00	AO24-8	Jong Hwan Jeong	1145	12. Bronchoscopy and Interventional Techniques	Clinical outcomes of bronchoscopic cryotherapy for central airway obstruction in adults: 11-year experience of single center
9	17:00-17:10	AO24-9	Byeong-Ho Jeong	1741	12. Bronchoscopy and Interventional Techniques	Trends and an online survey on the use of rigid bronchoscopy in Korea: Too old style to be used recently?

# Oral 25

**Grand Ballroom 104(1F)**  
**November 20, 09:20-10:50**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	17:10-17:20	AO25-1	Wang Chun Kwok	1038	01. Clinical Respiratory Medicine	Risk factors for hospitalized bronchiectasis exacerbation based on blood eosinophil level at stable state and incorporation of phenotype into FACED score
2	09:20-09:30	AO25-2	Hyeon Kyeong Bae	1984	01. Clinical Respiratory Medicine	The association between changes in BMI and acute exacerbation in non-CF bronchiectasis
3	09:30-09:40	AO25-3	Jamie Chua	1050	01. Clinical Respiratory Medicine	Prognostic Accuracy of Inflammatory Biomarkers for Predicting inhospital Mortality, Disease Severity and Clinical Outcomes among hospitalized COVID-19 Pneumonia patients in a tertiary hospital in Manila, Philippines
4	09:40-09:50	AO25-4	Wongi Woo	1413	01. Clinical Respiratory Medicine	Predictors of mortality in COVID-19 associated pneumothorax/pneumomediastinum patients without a history of invasive mechanical ventilation: the CoBiF score
5	09:50-10:00	AO25-5	Kazuko Yamamoto	1672	01. Clinical Respiratory Medicine	A national survey of non-invasive respiratory management in COVID-19 patients with acute respiratory failure using COVIREGI-JP database
6	10:00-10:10	AO25-6	Karen Anne Claridad	1621	01. Clinical Respiratory Medicine	Effect of Intravenous N-acetylcysteine on Prevention of Mechanical Ventilation and Mortality among COVID-19 Patients: A Meta-Analysis
7	10:10-10:20	AO25-7	Ruwanthi Jayasekara	1261	01. Clinical Respiratory Medicine	Assessment of Dysfunctional Breathing in a cohort of post covid patients and the impact of Breathing Retraining Physiotherapy
8	10:20-10:30	AO25-8	Astrid Gardiner	8049	01. Clinical Respiratory Medicine	SUPER to Characterize Pleural Effusion

# Oral 26

**Grand Ballroom 105(1F)**  
**November 20, 09:20-10:50**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	10:30-10:40	AO26-1	Sze Chiang Lui	1453	13. Paediatric Lung Disease	The effect of the coronavirus disease (COVID-19) pandemic on hospital admissions among children due to the respiratory illnesses and the respiratory pathogens.
2	09:20-09:30	AO26-2	Panuwat Srichaisawat	1745	13. Paediatric Lung Disease	Pulmonary function and complications in children who have received hematopoietic stem cell transplantation
3	09:30-09:40	AO26-3	Sachin Singh	1034	13. Paediatric Lung Disease	Correlation of lung function using forced oscillation technique with spirometry in children aged (4-18 years) with cystic fibrosis (CF)
4	09:40-09:50	AO26-4	Yu-Wei Liu	1344	13. Paediatric Lung Disease	Pneumorrhachis Complicated by Spontaneous Pneumomediastinum in Pediatric Patients: An 11-year Retrospective Study in Taiwan
5	09:50-10:00	AO26-5	Kyeong Hun Lee	1611	13. Paediatric Lung Disease	Risk factors of adverse respiratory outcome after scoliosis surgery in neuromuscular disorder patients
6	10:00-10:10	AO26-6	Kyung Won Kim	1492	13. Paediatric Lung Disease	Multicenter Surveillance of Cystic Fibrosis in Korean Children

# Oral 27

**Grand Ballroom 105(1F)  
November 20, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	10:10-10:20	AO27-1	Shinyoung Kim	1292	14. Respiratory Structure and Function	Lung function and bronchiectasis incidence: nationwide population-based cohort study
2	11:10-11:20	AO27-2	Ji Ye Jung	1708	14. Respiratory Structure and Function	Impact of Bronchopulmonary Dysplasia on Functional and Structural Changes in the Lungs of School-aged Children
3	11:20-11:30	AO27-3	Thomas Simon FitzMaurice	1027	14. Respiratory Structure and Function	Characterising the effect of body mass index on thoracic mechanics in adults with cystic fibrosis using dynamic chest radiography
4	11:30-11:40	AO27-4	Wang Chun Kwok	1028	14. Respiratory Structure and Function	Standalone electrical impedance tomography system can infer spirometric indices providing global and regional lung function assessment
5	11:40-11:50	AO27-5	Samruddhi Chougale	1480	14. Respiratory Structure and Function	The anatomical variations in tracheobronchial tree through videobronchoscope
6	11:50-12:00	AO27-6	Geak Poh Tan	1694	14. Respiratory Structure and Function	Prevalence of positive bronchodilator response in a real-world clinical setting.

# Oral 28

**Grand Ballroom 105(1F)  
November 20, 11:10-12:40**

No	Time	Session Code	Name	Abstract No.	Abstract Category	Abstract Title
1	12:00-12:10	AO28-1	Supraja K	1448	05. Respiratory Infections (non-tuberculous)	Ventilator associated pneumonia and antibiotic stewardship in cardiac surgical patients in tertiary care hospital
2	11:10-11:20	AO28-2	Lam Nguyen-Ho	1348	05. Respiratory Infections (non-tuberculous)	Prognostic validity of SMART-COP, PSI, and CURB-65 scores in hospitalized patients with melioidosis pneumonia
3	11:20-11:30	AO28-3	Jiwon RYOO	1878	05. Respiratory Infections (non-tuberculous)	Changes in respiratory infection trends during the COVID-19 pandemic in the hematologic malignancy patients
4	11:30-11:40	AO28-4	Minh Nguyen	1515	05. Respiratory Infections (non-tuberculous)	Long Term Predictors of Fatal Pneumonia in a Japanese population
5	11:40-11:50	AO28-5	Dhammika Leshan Wannigama (APSR Travel Award 2)	1258	05. Respiratory Infections (non-tuberculous)	Combining a novel cyclic peptide with antibiotics to treat acute and chronic pulmonary infections with multidrug resistance gram-negative bacteria
6	11:50-12:00	AO28-6	Chieh Liang Wu	1212	05. Respiratory Infections (non-tuberculous)	A hybrid AI model with the first 3-day features of CXR and clinical data to predict the survival discharge of pneumonia patients within seven hospital days
7	12:00-12:10	AO28-7	Moon Seong Baek	1168	05. Respiratory Infections (non-tuberculous)	Comparison of beta-lactam monotherapy and combination with fluoroquinolone therapy as initial empiric treatment in patients with hospital-acquired pneumonia: a Korean multicenter cohort study
8	12:10-12:20	AO28-8	Jamaluddin Madolangan (APSR Travel Award 3)	1090	05. Respiratory Infections (non-tuberculous)	Correlation of fungal infection risk factor on fungal colonization in pulmonary tuberculosis sequelae patients with recurrent hemoptysis in labuang haji hospital
9	12:20-12:30	AO28-9	Madeleine Ramdhani Jasin	1047	05. Respiratory Infections (non-tuberculous)	Pneumonia in children with tracheostomy: incidence and associating factors in a tertiary hospital