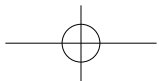
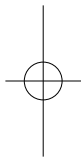
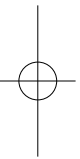
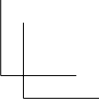
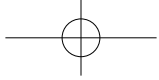




Monday
November 20



Room H

■ Meet the Expert 1 ■ 8:00-8:50

Chair: Young-Soo Shim (*Department of Internal Medicine and Lung Institute, Seoul National University College of Medicine, Korea*)

- ME-1** Contemporary Management of ALI/ARDS
Edward Abraham (*Department of Medicine, University of Alabama at Birmingham School of Medicine, USA*)

Room I

■ Meet the Expert 2 ■ 8:00-8:50

Chair: Wah-Kit Lam (*University of Hong Kong, Hong Kong*)

- ME-2** An Abnormal CT: Now What?
Issues in the Diagnosis and Management of the Patient with Potential Lung Cancer
W. Michael Alberts (*American College of Chest Physicians / H. Lee Moffitt Cancer Center, USA*)

Room J

■ Meet the Expert 3 ■ 8:00-8:50

Chair: Kozui Kida (*Department of Pulmonary Medicine, Infection and Oncology, Nippon Medical School, Japan*)

- ME-3** Airway Bypass: An Experimental Treatment For Emphysema
Peter T. Macklem (*Meakins-Christie Laboratories McGill University, Montreal, Canada*)

Room K

■ Meet the Expert 4 ■ 8:00-8:50

Chair: Atsushi Nagai (*Tokyo Women's Medical University, First Department of Medicine, Japan*)

- ME-4** Endoscopic Staging of Lung Cancer
Klaus F. Rabe (*Leiden University Medical Center, The Netherlands*)



Monday November 20

Main Hall

■ Gold Revision 2006 ■ 9:00-11:20

Chairs: **Klaus F. Rabe** (*Leiden University Medical Center, The Netherlands*)
Yoshinosuke Fukuchi (*Department of Respiratory Medicine, Juntendo University, Japan/ Congress President, APSR2006*)

- GOLD-1** Concepts and Mechanisms Use to Prepare the 2006 GOLD Report
Suzanne S. Hurd (*Scientific Director, GOLD, Gaithersburg, Maryland, USA*)
- GOLD-2** GOLD Revision 2006: Key Points
Klaus F. Rabe (*Leiden University Medical Center, The Netherlands*)
- GOLD-3** Managing Stable and Exacerbating Disease
Peter Calverley (*Division of Infection and Immunity Clinical Sciences Centre, University Hospital Aintree, UK*)
- GOLD-4** Implementation and Education Aiming at Local Needs
Christine Jenkins (*Airways Group, Woolcock Institute of Medical Research, Department of Thoracic Medicine, Concord Hospital, Australia*)
- GOLD-5** GOLD and COPD in Primary Care
Chris van Weel (*Department of Family Medicine, Radboud University Medical Centre Nijmegen, The Netherlands*)
- GOLD-6** Global and Regional Burden of COPD
Yoshinosuke Fukuchi (*Department of Respiratory Medicine, Juntendo University, Tokyo, Japan*)
- [Commentator]
A. Sonia Buist (*Oregon Health Science University Portland, Oregon, USA*)

Monday November 20

Room A

■ Symposium 1 ■ 9:00-11:20

Cutting - Edge Science and New Diagnostic Tools for Respiratory Disease

Chairs: **Pan-Chyr Yang** (*Department of Internal Medicine, National Taiwan University Hospital, Taiwan*)
Norbert Berend (*The Woolcock Institute of Medical Research, Royal Prince Alfred Hospital, Australia*)

- S-1-1** Application of CT Scans for Airways Diseases
Greg King (*The Woolcock Institute of Medical Research and CRC for Asthma, Department of Respiratory Medicine & Northern Clinical School, Royal North Shore Hospital, Australia*)
- S-1-2** Micro-sampling: A New Method to Collect Pulmonary Epithelial Lining Fluid
Akitoshi Ishizaka (*Department of Medicine, Keio University School of Medicine, Japan*)

- S-1-3** Microarray Gene Expression Profile and Pathway Analysis for Respiratory Diseases
Pan-Chyr Yang (*Department of Internal Medicine, National Taiwan University Hospital, Taiwan*)
- S-1-4** Application of Laser Capture Microdissection for Cell-specific Gene Expression Analysis
Tomoko Betsuyaku (*First Department of Medicine, Hokkaido University School of Medicine, Japan*)
- S-1-5** Functional Genomics Approach to Study Lung Diseases
Augustine Choi (*University of Pittsburgh, USA*)

Room B-2

■ Symposium 3 ■ 9:00-11:20

Recent Trends of Idiopathic Interstitial Pneumonias (IIPs)

Chairs: **Toshihiro Nukiwa** (*Department of Pulmonary Biology, Bioinformatics and Medicine, Institute of Development, Aging and Cancer, Tohoku University, Japan*)

Yuanjue Zhu (*Peking Union Medical College Hospital, China*)

- S-3-1** New Insight on the Natural History of Idiopathic Interstitial Pneumonia
Dong Soon Kim (*Department of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan, School of Medicine, Korea*)
- S-3-2** Novel Concepts and Therapeutic Concepts in Pulmonary Fibrosis
Monica Spiteri (*Directorate of Respiratory Medicine, University Hospital of North Staffordshire/Keele University Staffordshire, UK*)
- S-3-3** Recent Trends of Idiopathic Interstitial Pneumonias (IIPs)
Galen Toews (*University of Michigan Health System, USA*)
- S-3-4** Similarities between IPF and Chronic Hypersensitivity Pneumonitis, and Atypical Presentation of Pneumoconiosis
Yasuyuki Yoshizawa (*Department of Integrated Pulmonology, Tokyo Medical and Dental University Graduate School, Japan*)

Room B-1

■ Workshop 1 ■ 9:00-11:20

Noninvasive Positive Pressure Ventilation: Principles and Practice

Chairs: **Masayuki Suzukawa** (*Department of Emergency and Critical Care Medicine, Jichi Medical University, Japan*)

Younsuck Koh (*Division of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea*)

Monday November 20

- W-1-1** The Role of NPPV in Acute Exacerbations of COPD
Younsuck Koh (*Division of Pulmonary and Critical Care Medicine, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea*)
- W-1-2** New and Unconventional Applications of NPPV (e.g. Weaning, Immunocompromised Patients, Post-surgical Respiratory Distress): Potential Benefits and Risks
Kazuo Chin (*Department of Physical Therapeutics and Respiratory Medicine, Kyoto University Hospital, Japan*)
- W-1-3** Noninvasive Positive Pressure Ventilation (NPPV): Principles and Practice
Chin-Pyng Wu (*President of Taiwan Society of Critical Care Medicine, Taiwan*)
- W-1-4** Noninvasive Ventilation
Nicholas S. Hill (*Division of Pulmonary, Critical Care and Sleep Medicine, Tufts-New England Medical Center, Boston, USA*)
- W-1-5** Non-invasive Ventilation as an Adjunct to Pulmonary Rehabilitation
John Moxham (*Professor of Respiratory Medicine, King's College London School of Medicine, London, UK*)
- W-1-6** Non-Invasive Positive Pressure Ventilation in Patients with Chronic Respiratory Failure
Hideki Ishihara (*Department of Respiratory Medicine and Intensive Care, Osaka Prefectural Medical Center for Respiratory and Allergic Diseases, Osaka, Japan*)

Room C-1

■ Oral Presentation 1 ■ 9:00-10:10

Pulmonary Infection

Chairs: **Naoto Keicho** (*Department of Respiratory Diseases Research Institute, International Medical Center of Japan, Japan*)
Glen Westall (*Lung Transplant Unit, Department of Allergy, Immunology and Respiratory Medicine, Alfred Hospital, Department of Medicine, Monash University, Australia*)

- O-1-1** Comparison of Three Prediction Rules for Prognosis in Community acquired Pneumonia; Pneumonia Severity Index (PSI), CURB65 and A-DROP
Kazuhiro Usui (*Division of Respirology and Chest Surgery, Kanto Medical Center, NTT-EC, Japan*)
- O-1-2** Evaluation of the Role of Endotracheal Secretion Culture in the Diagnosis of VAP
Pratibha Gupta (*Department of Chest Medicine, Sir Ganga Ram Hospital, New Delhi, India*)
- O-1-3** A Validation and Potential Modification of Pneumonia Severity Index in the Elderly Community-acquired Pneumonia
Tateaki Naito (*Second Division, Department of Internal Medicine, Hamamatsu University School of Medicine, Hamamatsu, Japan*)
- O-1-4** Expression of β -Lactamase in Pseudomonas Aeruginosa Biofilms
Handong Jiang (*Department of Pulmonology, The Affiliated Hospital of Medical College, Qingdao University, Shandong, China*)

- *O-1-5 Dissecting the Impact of Cytomegalovirus Following Lung Transplantation
Glen Westall (*Department of Allergy, Immunology and Respiratory Medicine, Alfred Hospital and Department of Medicine, Monash University, Melbourne, Australia*)

[*TSANZ Young Investigator Award]

- O-1-6 Additive Effects of Pneumococcal Polysaccharide Vaccine in Combination with Influenza Vaccine on Acute Exacerbation in Patients with Chronic Lung Diseases
Akitsugu Furumoto (*Department of Internal Medicine, Institute of Tropical Medicine, Nagasaki University, Japan*)
- O-1-7 Pathological Findings in Avian Influenza in Autopsied Cases in the National Hospital of Pediatrics, Hanoi
Koichiro Kudo (*International Medical Center of Japan, Japan*)

Room C-1

■ Oral Presentation 2 ■ 10:10-11:20

Lung Cancer

Chairs: **Eiji Shimizu** (*Tottori University, Medical Oncology and Molecular Respiriology, Japan*)
Wah-Kit Lam (*University of Hong Kong, Hong Kong*)

- O-2-1 Pharmacokinetics of Gefitinib Predict the Antitumor Activity of Advanced Non-small Cell Lung Cancer (NSCLC)
Minoru Fukuda (*Division of Respiratory Diseases, Department of Medicine, Kawasaki Medical School, Kurashiki, Japan*)
- O-2-2 Genetic Variations of Systemic Superoxide Dismutase and Catalase Activities in Non-small Cell Lung Cancer
James C. Ho (*Department of Medicine, The University of Hong Kong, Hong Kong*)
- O-2-3 Analysis of DNA Methylation of Tumor Suppressor Gene Promoters in Non-small Cell Lung Cancer Patients using Bronchoscopic Microsampling
Hiroyuki Yasuda (*Division of Pulmonary Medicine, Department of Internal Medicine, Keio University School of Medicine, Tokyo, Japan*)
- O-2-4 Secondary T790M Mutation Conferring Shorter Progression-free Survival of Non-small-cell Lung Cancer Patients with Tumor Responsive to Gefitinib
Jin-Yuan Shih (*Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan*)
- O-2-5 Feasibility of a Virtual Bronchoscopic Navigation System for Peripheral Pulmonary Lesions
Masahiro Ohsige (*Pulmonology, St. Marianna University School of Medicine, Japan*)
- O-2-7 Radio Frequency Ablation Therapy in Non-small Cell Lung Cancer: State of the Art Issues and Practical Experiences in Bangladesh
M Rashidul Hassan (*National Asthma Center, NIDCH, Mohakhali, Dhaka, Bangladesh*)

Monday November 20

Main Hall

■ Luncheon Seminar 1 ■ 12:40-13:30

Chair: Masaharu Nishimura (*First Department of Medicine, Hokkaido University School of Medicine, Japan*)

- LS-1** Lung Hyperinflation and Comorbidities in COPD
Leonardo M. Fabbri (*Department of Respiratory Diseases, University of Modena and Reggio Emilia, Italy*)

Supported by: Nippon Boehringer Ingelheim Co., Ltd / Pfizer Japan Inc.

Room B-1

■ Luncheon Seminar 2 ■ 12:40-13:30

Chair: Mitsuo Kaku (*Department of Infection Control and Laboratory Diagnostics, Internal Medicine, Tohoku University Graduate School of Medicine, Japan*)

- LS-2** The Efficacy of Respiratory Quinolones against Community - Acquired Pneumonia
Yoshihito Niki (*Division of Clinical Infectious Diseases, Showa University, Japan*)

Supported by: SHIONOGI & CO., LTD

Room B-2

■ Luncheon Seminar 3 ■ 12:40-13:30

Chair: Hiroshi Kimura (*Second Department of Internal Medicine, Nara Medical University, Japan*)

- LS-3** Diagnosis and Management of PAH
Lewis J. Rubin (*Pulmonary and Critical Care Division, University of California, San Diego Medical Center, USA*)

Supported by: Actelion Pharmaceuticals Japan Ltd.

Room C-1

■ Luncheon Seminar 4 ■ 12:40-13:30

Chair: Yuji Tohda (*Department of Respiratory Medicine and Allergology, Kinki University, School of Medicine, Japan*)

- LS-4** Early Intervention in Bronchial Asthma
Shigemi Yoshihara (*Department of Pediatrics, Dokkyo University School of Medicine, Japan*)

Supported by: Astellas Pharma Inc.

Monday November 20

Room C-2

■ Luncheon Seminar 5 ■ 12:40-13:30

Chair: Fumio Imamura (*Department of Pulmonary Oncology, Osaka Medical Center for Cancer and Cardiovascular Diseases, Japan*)

LS-5 Chemotherapy for Outpatients with Lung Cancer in Japan
Koji Takeda (*Department of Clinical Oncology and Pulmonary Medicine, Osaka City General Hospital, Japan*)

Supported by: Bristol-Myers Squibb Company

Room D

■ Luncheon Seminar 6 ■ 12:40-13:30

Chair: Kazuo Akiyama (*Clinical Research Center for Allergy and Rheumatology, National Hospital Organization Sagamihara National Hospital, Japan*)

LS-6 A New Concept of β 2-agonist Therapy in Asthma and COPD
Hiroaki Kume (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Japan*)

Supported by: Otsuka Pharmaceutical Co., Ltd.

Main Hall

■ Harasawa Memorial Lecture ■ 14:20-15:20

Chair: Shoji Kudoh (*Department of Pulmonary Medicine, Infection and Oncology Nippon Medical School, Japan*)

Leading Edge of Molecular Pathogenesis and Treatment of Pulmonary Hypertension
Takayuki Kuriyama (*Department of Respirology, Graduate School of Medicine, Chiba University, Japan*)



Monday November 20

Room A

■ ATS Session ■ 15:20-17:20

Chair: John E. Heffner (*Providence Portland Medical Center, USA*)

- ATS-1** Diagnosing Uncertainty in the Pleural Space
John E. Heffner (*Providence Portland Medical Center, USA*)
- ATS-2** Advances in Mechanical Ventilation: Primum Non Nocere (First Do No Harm)
Dean R. Hess (*Associate Professor of Anesthesia, Harvard Medical School, Assistant Director of Respiratory Care, Massachusetts General Hospital, Boston, USA*)
- ATS-3** Airway Remodeling in Asthma
Monica Kraft (*Associate Professor of Medicine, Duke University Medical Center, USA*)
- ATS-4** Occupational Lung Disorders Update
Lee S. Newman (*University of Colorado, Health Sciences Center, USA*)
- ATS-5** The Academic Physician Scientist in the 21st Century
Steven D. Shapiro (*Department of Medicine, University of Pittsburgh, USA*)

Room B-2

■ WONCA Session ■ 15:20-17:20

Chairs: Chris van Weel (*Department of Family Medicine, Radboud University Medical Centre Nijmegen, The Netherlands*)
Hisamichi Aizawa (*Department of Medicine, Kurume University School of Medicine, Japan*)

- WONCA-1** Epidemiology of COPD in Primary Care
Chris van Weel (*Department of Family Medicine, Radboud University Medical Centre Nijmegen, The Netherlands*)
- WONCA-2** The Development of Better Respiratory Care in Developing Countries
James J. Reid (*General Practice, Dunedin School of Medicine, University of Otago, Dunedin, New Zealand*)
- WONCA-3** Implementation of COPD Guidelines in Primary Care
Christine Jenkins (*Airways Group, Woolcock Institute of Medical Research, and Clinical Professor, Department of Thoracic Medicine, Concord Hospital, Sydney, New South Wales, Australia*)
- WONCA-4** Implementing FIRS PFT Program in Developing Countries
Marc Zelter (*Université Pierre et Marie Curie, APHP, UPRES 2397 and FIRS, France on behalf of the FIRS panel on Lung Function testing*)
- WONCA-5** IPAG in Japan - Validation and Implementation -
Hisamichi Aizawa (*Department of Medicine, Kurume University School of Medicine, Japan*)

Room B-1

■ Symposium 2 ■ 15:20-17:20

Asthma Insights and Asthma Management in the Asian Pacific Region

Chairs: **Ken Ohta** (*Division of Respiratory Medicine, Department of Medicine, Teikyo University School of Medicine, Japan*)

Ruby Pawankar (*Department of Dermatology, Nippon Medical School, Japan*)

- S-2-1** Asthma Insights and Reality in the Asia Pacific Region
Christopher Lai (*Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong*)
- S-2-2** Asthma in Patients with Japanese Cedar Pollinosis
Mitsuru Adachi (*First Department of Internal Medicine, Showa University, Tokyo, Japan*)
- S-2-3** Asthma in India; Scenario in Developing Countries
Dhiman Ganguly (*Department of Medicine, Vivekananda Institute of Medical Sciences Hony. Consultant: Ramakrishna Mission Seva Pratisthan, Kolkata, India*)
- S-2-4** Difficult-to-control Asthma
Chong-Kin Liam (*Department of Medicine, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia*)
- S-2-5** Impact of Tobacco Smoke on Bronchial Asthma
Surinder Kumar Jindal (*Pulmonary Medicine, Postgraduate Institute of Medical Education & Research, India*)
- S-2-6** Prevention of Airway Remodeling; Implications for Disease Control
James G. Martin (*Meakins-Christie Laboratories, McGill University, Montreal, Quebec, Canada*)



Monday November 20

Room C-1

■ Oral Presentation 3 ■ 15:20-16:10

Pulmonary Tuberculosis

Chairs: **Ikushi Onozaki** (*The Research Institute of Tuberculosis Japan Anti-Tuberculosis Association, Japan*)

Thomas Mok (*President of Hong Kong Thoracic Society Ltd., Hong Kong*)

- O-3-1** Role of Cough Officer Screening in Early Detection of Pulmonary Tuberculosis in Inpatients
Lin Ching Hsiung (*Chest Division, Internal Medicine Department, Changhua Christian Hospital, Taiwan*)
- O-3-2** In Cases Where Sputum Smear is Negative the Diagnostic Value of Gastric Lavage and Bronchoscopic Lavage
Bahadir T. Uskul (*Sureyyapasa Training and Research Hospital for Chest Diseases and Thoracic Surgery, Istanbul, Turkey*)

- O-3-3** Diagnosis of Tuberculous Pleuritis by Antigen-specific Interferon- γ Response of Pleural Fluid Cells
Haruyuki Ariga (*Department of Respiratory Disease, Tokyo National Hospital, National Hospital Organization, Japan*)
- O-3-4** The Enhanced Gen-probe Amplified Mycobacterium Tuberculosis Direct Test Versus Amplicor in Induced Sputum for the Rapid Diagnosis of Pulmonary Tuberculosis
T.K. Lim (*Department of Medicine, National University Hospital, Singapore*)
- O-3-5** Clinical Characteristics of Patients with Lung Tuberculosis Caused by Beijing and Non-Beijing Genotypes
Prayudi Santoso (*Subdivision of Pulmonology, Department of Internal Medicine, Padjadjaran University/ Dr. Hasan Sadikin General Hospital, Bandung, Indonesia*)

Room C-1

■ Oral Presentation 4 ■ 16:10-17:20

RCMB - Respiratory Cell & Molecular Biology

Chairs: **Takahide Nagase** (*The University of Tokyo, Department of Respiratory Medicine, Japan*)
Paul N. Reynolds (*Department of Thoracic Medicine, Royal Adelaide Hospital Chest Clinic, Australia*)

- O-4-1** GP130-STAT3 Signalling Enhances Bleomycin-induced Lung Fibrosis Independent of SMAD3 Signalling
Robert J.J. O'Donoghue (*Asthma and Allergy Research Institute, University of Western Australia, Perth, Australia*)
- O-4-2** The Molecular Mechanism of Human β -defensin Cytotoxic Effects on Mammalian Cells
Yasuhiro Yamaguchi (*Department of Geriatric Medicine, Graduate School of Medicine, The University of Tokyo, Japan*)
- O-4-3** Neuropeptide Y (NPY) and NPY Receptor Expression in Human Monocyte-Derived Dendritic Cells (hMo-DC)
Kendle M. Estcourt (*Asthma and Allergy Research Institute Inc., Perth, Australia*)
- O-4-4** A Novel Role of Hepatocyte Growth Factor as an Immune-Regulator through Suppressing Dendritic Cell Function
Katsuhide Okunishi (*Pulmonary Division, Department of Allergy and Rheumatology, Graduate School of Medicine, University of Tokyo, Japan*)
- O-4-5** Aging and Cigarette Smoking Alter Expression of Various Receptors Related to Apoptotic Cell Clearance in Alveolar Macrophages (AMs)
Yoko Ito (*The First Department of Medicine, Hokkaido University, Sapporo, Japan*)
- O-4-6** Genetic Scan for Transcriptome Expressed by Alveolar Macrophages in Sarcoidosis
Etsuro Yamaguchi (*Division of Respiratory Medicine and Allergology, School of Medicine, Aichi Medical University, Nagakute, Japan*)
- O-4-7** Transdifferentiation of Human and Rat Mesothelial Cells into Osteoblast-like Cells in vitro
Sally M Lansley (*Asthma and Allergy Research Institute, Australia*)

Monday November 20

Main Hall

■ Evening Symposium 1 ■ 17:30-19:30

Approaches to Exacerbation of COPD

Chairs: **Nan-Shan Zhong** (*Guangzhou Institute of Respiratory Diseases, China*)
Masaharu Nishimura (*First Department of Medicine, Hokkaido University School of Medicine, Japan*)

- ES-1-1** Overview: Clinical Management of Exacerbation of COPD
John Hurst (*Academic Unit of Respiratory Medicine, Royal Free & University College Medical School, London, UK*)
- ES-1-2** Is a Mucolytic Agent Effective for Management of COPD ?
Mutsuo Yamaya (*Department of Geriatrics and Gerontology, Tohoku University School of Medicine, Japan*)
- ES-1-3** Dispatching Data from Asia -PEACE Study in Japan -Therapeutic Option for Exacerbation of COPD-
Koichiro Tatsumi (*Department of Respirology, Graduate School of Medicine, Chiba University, Japan*)
- ES-1-4** Dispatching Data from Asia -PEACE Study in China -Therapeutic Option for Exacerbation of COPD-
Jian Kang (*Institute of Respiratory Disease, China Medical University, China*)

Supported by: KYORIN PHARMACEUTICAL CO.,LTD

Room A

■ Evening Symposium 2 ■ 17:30-19:30

New Wind in Managing COPD

Chair: **Yoshinosuke Fukuchi** (*Department of Respiratory Medicine, Juntendo University, Japan/Congress President, APSR2006*)

- ES-2-1** Defining Airflow Limitation and the Burden of COPD
A. Sonia Buist (*Division of Pulmonary & Critical Care Medicine, Oregon Health & Sciences University, USA*)
- ES-2-2** Update in Managing COPD
Leonardo M. Fabbri (*Department of Respiratory Diseases, University of Modena and Reggio Emilia, Italy*)
- ES-2-3** Rehabilitation of COPD Using Exercise -from Bench to Bedside-
Peter D. Wagner (*Medicine and Bioengineering in the School of Medicine University of California, USA*)

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Monday November 20

Room B-1

■ Evening Symposium 3 ■ 17:30-19:30

Diagnostic and Therapeutic Approach to Pulmonary Thromboembolism

Chair: Takayuki Kuriyama (*Department of Respiriology, Graduate School of Medicine, Chiba University, Japan*)

- ES-3-1** Diagnostic Approach to Acute Pulmonary Thromboembolism
Nobuhiro Tanabe (*Department of Respiriology, Graduate School of Medicine, Chiba University, Japan*)
- ES-3-2** Recent Advances in the Treatment for Acute Pulmonary Thromboembolism
Norikazu Yamada (*Department of Cardiology, Mie University School of Medicine, Japan*)
- ES-3-3** Diagnosis and Treatment for Chronic Thromboembolic Pulmonary Hypertention
Shingo Kyotani (*The Division of Cardiology and CCU, National Cardiovascular Center, Japan*)

Supported by: Eisai Co., Ltd.

Room Sakura

■ Evening Symposium 4 ■ 17:30-19:30

The Evolution of Asthma Management: Are We Achieving Optimal Control?

Chair: Mitsuru Adachi (*First Department of Internal Medicine, School of Medicine, Showa University, Japan*)

- ES-4-1** Aiming for Asthma Control
Andrew Greening (*Respiratory Medicine, Western General Hospital, Edinburgh, UK*)
- ES-4-2** Achieving Optimal Asthma Control
Kenneth R. Chapman (*Asthma & Airway Centre, University Health Network, Toronto Western Hospital, Canada*)
- ES-4-3** Monitoring Asthma Control
Christopher Lai (*Department of Medicine and Therapeutics, Division of Respiratory Medicine, The Chinese University of Hong Kong, Hong Kong*)

Supported by: GlaxoSmithKline K.K.

Monday November 20

Room E

■ Evening Symposium 5 ■ 17:30-19:30

Respiratory Quinolones: Update on Management of RTIs

Chair: Shigeru Kohno (*Department of Molecular Microbiology & Immunology, Nagasaki University Graduate School of Biomedical Sciences, Japan*)

- ES-5-1** Driving Forces for Development of Respiratory Quinolones and Recent Efforts
Kazuki Hoshino (*Senior Researcher, New Product Research Laboratories I, R & D Center, Daiichi Pharmaceutical Co., Ltd, Japan*)
- ES-5-2** Recent Trends of Antimicrobial-resistant Bacteria in Japan and Asia
Kazuhiro Tateda (*Department of Microbiology and Infectious Diseases, Toho University School of Medicine, Japan*)
- ES-5-3** Current Positioning of Respiratory Quinolone Drugs in Japanese CAP and HAP Guidelines
Kazunori Tomono (*Division of Infection Control and Prevention, Osaka University Hospital, Japan*)
- ES-5-4** The Role of Atypical Pathogens in RTIs
Naoyuki Miyashita (*Division of Respiratory Diseases, Department of Medicine, Kawasaki Medical School, Japan*)

*A panel discussion will be held after these presentations.

Supported by: Daiichi Pharmaceutical Co.,Ltd.

Room B-2

■ Satellite Seminar 1 ■ 17:30-18:30

Chair: Ichiro Kawase (*Department of Respiratory Medicine, Allergy and Rheumatic Diseases, Osaka University Graduate School of Medicine, Japan*)

- SS-1-1** Molecular Targeting Therapy in Lung Cancer, Current & Future Perspectives
Kenji Tamura (*Department of Medical Oncology, Kinki University School of Medicine, Nara Hospital, Japan*)

Supported by: Chugai Pharmaceutical Co.,Ltd



Monday November 20

- Poster Symposium 1
- Viewing Time 10:00-11:30 Discussion Time 11:30-12:30

Bronchial Asthma - Clinical Aspects

- *The Speakers should be at their posters during the viewing period: **10:00-11:30**.
- *The Speakers will be required to follow the Chairs' instructions during the discussion time: **11:30-12:30**.
- *The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Kenji Minoguchi** (*First Department of Internal Medicine, School of Medicine, Showa University, Japan*)
Peter Gibson (*School of Medicine and Public Health, The University of Newcastle, Australia*)

Monday November 20

- PS-1-1** The Relationship between Breastfeeding and Asthma Symptoms
Mohammed H Shamssain (*School of Health, Natural and Social Sciences, University of Sunderland, Sunderland, UK*)
- PS-1-2** Trends in the Prevalence and Severity of Asthma, Rhinitis and Atopic Eczema in Schoolchildren from the North East of England
Mohammed H Shamssain (*School of Health, Natural and Social Sciences, University of Sunderland, Sunderland, UK*)
- PS-1-3** CD14 Promoter Polymorphisms are Associated with Atopy and Plasma Total IgE but not Asthma in Chinese Children
Ting Fan Leung (*Department of Paediatrics, The Chinese University of Hong Kong, Hong Kong*)
- PS-1-4** The Impact of a National Asthma Program at a Paediatric Hospital
Oon Hoe Teoh (*Department of Paediatric Medicine, KK Women's and Children's Hospital, Singapore*)
- PS-1-5** Evaluation of Airway and Pulmonary Parenchyma in Patients with Asthma using HRCT. A Systematic Review and Meta-analysis
Shiman Wu (*Shanxi Medical University, Taiyuan, China*)
- PS-1-6** Sound Spectrogram Analysis of Vesicular and Bronchovesicular Breath Sounds in Asymptomatic Asthmatic Subjects
Yukio Nagasaka (*Department of Pulmonary Medicine, Kinki University Sakai Hospital, Japan*)
- PS-1-7** High Pitch Inspiratory Sounds Indicate Small Airway Obstruction in Asymptomatic Asthmatic Children
Chizu Habukawa (*Department of Pediatrics, Minami Wakayama Medical Center, Japan*)
- PS-1-8** Global Asthma Physician and Patient (GAPP) Survey: Lack of Communication between Physicians & Patients May Influence Compliance - Japanese Adult Findings
Carlos E. Baena-Cagnani (*Catholic University of Cordoba, Cordoba, Argentina, for the World Allergy Organization, Argentina*)
- PS-1-9** The Possibility and the Ways of Asthma Remission Have Not Yet Been Forthcoming
Koichiro Kudo (*International Medical Center of Japan, Japan*)

- PS-1-10** Effects of Self-management Programs in Patients with Mild to Moderate Asthma: a Randomized Controlled Study
Etsuko Tagaya (*First Department of Medicine, Tokyo Women's Medical University School of Medicine, Tokyo, Japan*)
- PS-1-11** Longitudinal Analysis of the Effect of Anti-Asthma Treatment on Health Outcomes in Taiwan
Chun-Hwa Wang (*Taiwan Society of Pulmonary and Critical Care Medicine, Taiwan*)
- PS-1-12** Asthma-related Quality of Life with Salmeterol/Fluticasone Propionate (SFC) in Bronchial Asthma: A Randomized Controlled Study Comparing SFC with Current Care
Jae-Jeong Shim (*Department of Internal Medicine, Korea University, College of Medicine, Seoul, Korea*)
- PS-1-13** Problems and Present Conditions of Inhalation Therapy in Outpatients with Asthma
Hirokazu Kubo (*Respiratory Medicine and Allergology, Department of Internal Medicine, Kinki University School of Medicine, Japan*)

Event Hall

■ Poster Symposium 2

■ Viewing Time 10:00-11:30 Discussion Time 11:30-12:30

Lung Cancer from Bench to Bed

*The Speakers should be at their posters during the viewing period: **10:00-11:30**.

*The Speakers will be required to follow the Chairs' instructions during the discussion time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Saburo Sone (*The University of Tokushima, Japan*)
James Chung-Man Ho (*University of Hong Kong, Hong Kong*)

- PS-2-1** Genetic Analysis of EGFR and HER Genes in Japanese Non-small Cell Lung Cancer Patients
Masashi Kondo (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan*)
- PS-2-2** LKB1 Tumor Suppressor Gene is Frequently Inactivated in Human Non-small Cell Lung Cancer in Taiwan
Jen-Yu Hung (*The Division of Pulmonary and Critical Care Medicine, Kaohsiung Medical University Hospital, Kaohsiung, Taiwan*)
- PS-2-3** Immunohistochemical Study for the Expression of DR5 TRAIL Receptor in Non-small Cell Lung Cancer
Kye Young Lee (*Department of Internal Medicine Konkook University Hospital, Seoul, Korea*)
- PS-2-4** Identification of Disease-specific LOH for Lung Cancer and Idiopathic Pulmonary Fibrosis with High-density SNP-typing Arrays
Munehiro Enomoto (*Division of Pulmonary Medicine, Department of Medicine, Jichi Medical University, Tochigi, Japan*)
- PS-2-5** Expression of HM1.24 (CD317) Antigen and Antibody-dependent Cellular Cytotoxicity of Anti-HM1.24 Antibody in Lung Cancer Cells
Wei Wang (*Department of Internal Medicine and Molecular Therapeutics, Institute of Health Biosciences, The University of Tokushima Graduate School, Tokushima, Japan*)

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- PS-2-6** A Prospective Phase II Study of 1st Line Gefitinib for Patients with Advanced Non-small Cell Lung Cancer with EGFR Mutations
Akira Inoue (*Department of Respiratory Oncology and Molecular Medicine, Institute of Development, Aging and Cancer, Tohoku University, Japan*)
- PS-2-7** Transbronchial Biopsy using EBUS with a Guide-sheath for Peripheral Small Nodules Including Bronchioalveolar Carcinoma
Yuka M. Miyazu (*Center for Respiriology, St. Marianna University, Kawasaki, Japan*)
- PS-2-8** Assessment of LAA, GGA and Fibrosis with HRCT in Patients with Lung Cancer and in a Putatively Healthy Population
Satoko Mizuno (*Department of Respiriology, Chiba University, Chiba, Japan*)
- PS-2-9** Evaluation of the Use of Paclitaxel (PAXUS) Plus Carboplatin for Pulmonary Adenocarcinoma at Persahabatan Hospital, Jakarta, Indonesia
Anwar Jusuf (*Department of Pulmonology and Respiratory Medicine, Oncology Division, Faculty of Medicine University of Indonesia - Persahabatan Hospital, Jakarta, Indonesia*)
- PS-2-10** The Clinical Value of Autofluorescence Bronchoscopy for the Diagnosis of Lung Cancer
Bing Lam (*University Department of Medicine, University of Hong Kong, Hong Kong*)
- PS-2-11** Fluoroscopy-guided Barium Marking for Small Pulmonary Lesions
Yoshinobu Iwasaki (*Department of Medicine, Division of Pulmonary Medicine, Kyoto Prefectural University of Medicine, Japan*)

Event Hall

■ Poster Presentation 1

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD - Epidemiology

The Speakers should be at their posters during the viewing period: **11:00-11:30.*

The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30.*

**The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".*

Chairs: Ichiro Kuwahira (*Department of Medicine, Tokai University Tokyo Hospital, Japan*)

Sonia Buist (*Oregon Health & Science University, USA*)

- P-1-1** Epidemiologic Survey on Chronic Obstructive Pulmonary Disease in Haiphong City
Chau Quy Ngo (*The Respiratory Department, Bach Mai Hospital, Hanoi, Vietnam*)
- P-1-2** The Burden of Chronic Obstructive Lung Disease Study in Vancouver, Canada
Wan C Tan (*iCapture Centre for Cardiovascular and Pulmonary Research, University of British Columbia, Vancouver, Canada*)
- P-1-3** Large-scale Telephone Survey on Burden of Patients with Chronic Obstructive Pulmonary Disease (COPD) in Japan: Confronting COPD
Masakazu Ichinose (*The Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)

- P-1-4** Prevalence of Chronic Obstructive Pulmonary Disease (COPD) Defined by Pre-operative Spirometry
Masakatsu Morita (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Fukuoka, Japan*)
- P-1-5** Correspondence to Chronic Obstructive Pulmonary Disease (COPD) in Multiphasic Health Testing and Service (Ningen-dock) in Japan
Yuko Komase (*Department of Respiratory Internal Medicine, St. Marianna University, School of Medicine, Yokohama-city Seibu Hospital, Kanagawa, Japan*)
- P-1-6** Incidence of COPD in Long-surviving Former Poison Gas Workers
Yojiro Onari (*Department of Molecular and Internal Medicine Graduate School of Biomedical Sciences, Hiroshima University, Hiroshima, Japan*)
- P-1-7** What the Doctors Think? -The Questionnaires about Smoking and COPD for General Practitioners in Shiga Prefecture, Japan-
Yasutaka Nakano (*Department of Respiratory Medicine, Shiga University of Medical Science, Japan*)
- P-1-8** Psychosocial Profile of the Carers of Australian COPD Patients
Paul A. Cafarella (*Repatriation General Hospital, Adelaide, Australia*)
- P-1-9** Monitoring the Bacterium-spectrum and Antibiotics Resistance in Elder Patients with COPD
Yi Ping Sun (*Department of Gerontology, Shanghai Sixth People's Hospital Affiliated to Shanghai Jiao Tong University, Shanghai, China*)
- P-1-10** Clinical Analysis of Twenty-Four Chinese Patients with Diffuse Panbronchiolitis
Hui-Ping Li (*Department of Respiratory Diseases, Shanghai Pulmonary Hospital, Tongji University, Shanghai, China*)



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Event Hall

- Poster Presentation 2
- Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD - Biomarkers

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Naomi Yamashita (*Department of Pharmacology Musashino University, Japan*)

John Hurst (*Academic Unit of Respiratory Medicine, University College London, UK*)

- P-1-11** Elevated Albumin Concentration in Epithelial Lining Fluid of COPD Airways
Yoshiaki Minakata (*Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)

- P-1-12** The Influence of Saliva on the Quantitative Analysis of Protein-bound 3-Nitrotyrosine in Sputum
Kazuhito Ueshima (*Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)
- P-1-13** Increased Serum Inflammatory Markers in Patients with COPD
Yuji Higashimoto (*Department of Internal Medicine, Wakayama Medical University Kihoku Hospital, Wakayama, Japan*)
- P-1-14** Evaluation of Plasma Glutamine Level in Patients with COPD
Atsushi Kobayashi (*The Second Department of Internal Medicine, Nara Medical University, Nara, Japan*)
- P-1-15** Elevated Plasma Ghrelin Levels and Catabolic/Anabolic Imbalance in Patients with COPD
Kazuyuki Komeda (*Second Department of Internal Medicine, Nara Medical University, Nara, Japan*)
- P-1-16** Enhanced Expression of IL-18 and its Receptor in Lungs of Patients with Chronic Obstructive Pulmonary Disease (COPD)
Haruki Imaoka (*First Department of Internal Medicine, University of Kurume, Fukuoka, Japan*)
- P-1-17** Upregulation of Peripheral Blood Neutrophil Function in COPD
Toshiyuki Yamagata (*Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)

Event Hall

- Poster Presentation 3
- Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD - Pathophysiology

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Hajime Kurosawa (*Health Administration Center, Tohoku University, Japan*)
Giovanni Viegi (*CNR Institute of Clinical Physiology, Italy*)

- P-1-18** The Use and Abuse of Written Action Plans for COPD Exacerbations
T.K. Lim (*Department of Medicine, National University Hospital, Singapore*)
- P-1-19** A One-year Prospective Study of the Infectious Etiology in Patients Hospitalized with Acute Exacerbation of Chronic Obstructive Pulmonary Disease
Fanny WS Ko (*Department of Medicine and Therapeutics, The Chinese University of Hong Kong, Hong Kong*)
- P-1-20** Clinical Features of Acute Exacerbation of COPD Caused by Pulmonary Infection
Keishi Sugino (*Department of Respiratory Medicine, Toho University School of Medicine, Tokyo, Japan*)

- P-1-21** Relationship between Spirometry, Quality of Life Scores (SGRQ) and Walking Distance (6MWD) in the Stratification of Severity in COPD
Shah SM. Azarisman (*Department of Medicine, National University Hospital Malaysia, Kuala Lumpur, Malaysia*)
- P-1-22** COPD: Rehabilitation and the Stanford Chronic Disease Self-management Programme
Helen L. Cameron-Tucker (*Cardiorespiratory Research Group, University of Tasmania, Hobart, Tasmania, Australia*)
- P-1-23** Dead Space Loading in Patients with COPD using Newly Developed Apparatus
Yutaka Tasaku (*Department of Internal Medicine and Rehabilitation Science, Tohoku University Graduate School of Medicine, Sendai, Japan*)
- P-1-24** Longitudinal Changes in Subjective and Objective Health-related Quality of Life following Lung Volume Reduction Surgery
Yoko Goto (*Department of Occupational Therapy, School of Health Sciences, Sapporo Medical University, Sapporo, Japan*)
- P-1-25** Five-year Survival Following Lung Volume Reduction Surgery in Patients with Chronic Obstructive Pulmonary Disease (COPD)
Hideo Toyoshima (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Fukuoka, Japan*)
- P-1-26** Relationship between Inspiratory Capacity and Sleep-disordered Breathing in Patients with Chronic Obstructive Pulmonary Disease (COPD)
Hideo Toyoshima (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Fukuoka, Japan*)



Monday November 20

Event Hall

■ Poster Presentation 4

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD - Imaging and Functions

**The Speakers should be at their posters during the viewing period: 11:00-11:30.*

**The Speakers will be required to display and present their paper during the presentation time: 11:30-12:30.*

**The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".*

Chairs: Shigeo Muro (*Department of Respiratory Medicine, Kyoto University Hospital, Japan*)
Ong Kian Chung (*Mount Elizabeth Hospital, Singapore*)

- P-1-27** Increased Low Attenuation Area on HRCT is Closely Correlated with Deteriorated QOL in Patients with Chronic Obstructive Pulmonary Disease
Norihisa Motohashi (*Department of Pulmonary Medicine, Infection and Oncology, The Respiratory Care Clinic, Nippon Medical School, Tokyo, Japan*)
- P-1-28** Computed Tomography Dose and Variability of Airway Dimensions: How Low Can We Go?
Pim A de Jong (*Meander Medical Centre, Department of Radiology, Amersfoort, The Netherlands*)

- P-1-29** Serial Changes in Airway Dimensions Assessed by Computed Tomography in Patients with Chronic Obstructive Pulmonary Disease
Tadashi Ohara (*Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Kyoto, Japan*)
- P-1-30** Correlation between Fat-free Mass with Low Attenuation Area on HRCT and Serum Biomarkers in Patients with COPD
Hiroko Yoshioka (*Department of Pulmonary Medicine, Infection and Oncology, The Respiratory Care Clinic, Nippon Medical School, Tokyo, Japan*)
- P-1-31** Longitudinal Analysis of Elastase-induced Emphysema by Computed Tomography
Yukiko Matsuo (*Department of Pharmacology, Research Institute of Pharmaceutical Sciences, Musashino University, Tokyo, Japan*)
- P-1-32** Usefulness of Aggressive Lung Function Testing in Outpatients of General Practice
Keiichiro Akamatsu (*Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)
-  **P-1-33** Variability of Bronchodilator Reversibility in Patient with COPD
Susumu Sato (*Department of Respiratory Medicine, Kyoto University Graduate School of Medicine, Kyoto, Japan*)
- P-1-34** Comparison of Correlation between Pre-bronchodilator PEFr and FEV1; and Pre-bronchodilator %PEFR and %FEV1 in COPD Patients with Reversible Airway Obstruction
Kanagasuntheram Narendran (*Department of Medicine, Changi General Hospital, Singapore*)
- P-1-35** Dynamic Airway Narrowing Estimated by Impulse Oscillation System in Patients with COPD
Junichi Ohishi (*Department of Internal Medicine and Rehabilitation Science, Tohoku University, Sendai, Japan*)
- P-1-36** Computed Tomography (CT) Lung Disease in Primary Ciliary Dyskinesia (PCD): Relationship to Function
Pim A de Jong (*Radiology, Meander Medical Center, Amersfoort, Netherlands*)

Monday November 20

Event Hall

-  Poster Presentation 5
-  Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD/Treatment I

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Teruaki Nishiuma** (*Division of Cardiovascular and Respiratory Medicine, Department of Internal Medicine, Kobe University Graduate School of Medicine, Japan*)
Richard Beasley (*Medical Research Institute of New Zealand, New Zealand*)

- P-1-37** Short-term Effects of Inhaled Bronchodilators on Respiratory Central Drive in Stable COPD Patients during Eupnea
Yinhuan Li (*Guangzhou Institute of Respiratory disease, First Affiliated Hospital, Guangzhou Medical College, China*)
- P-1-38** Additive Effects of Tiotropium on Lung Function and Dyspnea in COPD Patients Treated with Transdermal β_2 -agonist
Keiichiro Akamatsu (*Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)
- P-1-39** The Short Term Effect of Tiotropium on Respiratory Function and QOL in Patients at Risk and with Mild COPD
Tatsuyuki Miyashita (*Department of Respiratory Medicine, Saitama Respiratory Center, Saitama Medical University, Saitama, Japan*)
- P-1-40** Every Stage of COPD Patients Receive Benefits from Inhalation of Tiotropium
Nobuaki Umeda (*Department of Respiratory Medicine, Osaka City University, Osaka, Japan*)
- P-1-41** Effects of Tiotropium or Combined Therapy with Salmeterol on Hyperventilation-mediated Hyperinflation in Patients with COPD
Yohsuke Eguchi (*Respiratory Medicine, Osaka City University, Osaka, Japan*)
- P-1-42** Effects of Tiotropium Bromide Inhalation on Dyspnea Sensation during Exercise in Patients with COPD
Shinji Teramoto (*The Department of Geriatric Medicine, University of Tokyo, Tokyo, Japan*)
- P-1-43** A 24-week Study to Compare the Effect of Salmeterol/Fluticasone Propionate 50/250 mcg with Salmeterol 50 mcg in Subjects with COPD
Gilbert Nadeau (*Baillieston Health Centre, Scotland, UK*)
- P-1-44** Clinical Efficacy of Transdermal Tulobuterol Patch in Patients with Chronic Obstructive Pulmonary Disease: A Comparison with Slow-release Theophylline
Takashi Kinoshita (*The First Department of Internal Medicine, Kurume University School of Medicine, Fukuoka, Japan*)
- P-1-45** Efficacy and Safety of the Ambroxol (Retard Form) in Patients with Mild to Moderate Chronic Obstructive Pulmonary Disease (COPD)
Yao T. Wang (*Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan*)
- P-1-46** Tiotropium Decreased Massive Sputum in Diffuse Panbronchiolitis Resistant to Macrolide Therapy
Yoshinobu Saito (*The Fourth Department of Internal Medicine, Nippon Medical School, Tokyo, Japan*)



Monday November 20

■ Poster Presentation 6

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD/Treatment II

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Kozui Kida** (*Department of Pulmonary Medicine, Infection and Oncology, Respiratory Care Clinic, Nippon Medical School, Japan*)
Kentaro Watanabe (*Department of Respiratory Medicine, Fukuoka University Hospital, Japan*)

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- P-1-47** The Effect of Tiopropium Inhalation Capsules on Spirometry and Inspiratory Capacity in Patients with Chronic Obstructive Pulmonary Disease (COPD)
Hideo Toyoshima (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Fukuoka, Japan*)
- P-1-48** Efficacy of Tiotropium in the Patients with COPD
Junji Hamamoto (*Department of Respiratory Medicine, Faculty of Medical and Pharmaceutical Sciences, Kumamoto University, Kumamoto, Japan*)
- P-1-49** Improvement in Respiratory Function by Tiotropium in Patients with Stable Chronic Obstructive Pulmonary Disease (COPD)
Masanori Nishikawa (*Department of Respiratory Medicine, Fujisawa City Hospital, Kanagawa, Japan*)
- P-1-50** The Efficacy of Long-acting Anticholinergic Agent, Tiotropium Bromide on Dynamic Hyperinflation in COPD
Shintaro Kanda (*Department of Respiratory Medicine and Infectious Disease, Shinshu University School of Medicine, Matsumoto, Japan*)
- P-1-51** Improved Health Outcomes in Patients with COPD during Three Months of Treatment with Tiotropium
Kimiko Sakai (*Department of Integrated Medicine and Informatics, Ehime University Graduate School of Medicine, Japan*)
- P-1-52** Cost-effectiveness of Tiotropium in Severe Chronic Obstructive Pulmonary Disease (COPD) Patients
Yuk Lung Kwok (*Department of Medicine and Geriatrics, Tuen Mun Hospital, Hong Kong*)
- P-1-53** Anti-inflammatory Effects of Low-dose Theophylline in Mild to Moderate Chronic Obstructive Pulmonary Disease
Masashi Kanehara (*Department of Molecular and Internal Medicine, Graduate School of Biomedical Science, Hiroshima University, Japan*)
- P-1-54** The TOwards a Revolution in COPD Health (TORCH) Study: Salmeterol/Fluticasone Propionate Improves and Sustains Health Status over Three Years
Paul W Jones (*St George's Hospital, University of London, UK*)

- P-1-55** The TOwards a Revolution in COPD Health (TORCH) Study: Salmeterol/Fluticasone Propionate is Well Tolerated in COPD Patients over Three Years
Christine Jenkins (*Department of Thoracic Medicine, Concord Hospital, Australia*)

Event Hall

- Poster Presentation 7
■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

COPD as a Systemic Disease

- *The Speakers should be at their posters during the viewing period: **11:00-11:30**.
*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.
*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Osamu Taguchi** (*Department of Pulmonary and Critical Care Medicine, Mie University School of Medicine, Japan*)
Se Hwa Yoo (*Department of Internal Medicine, Korea University Medical Center, Korea*)

- P-1-56** Plasma Archidonate Levels in Patients with Chronic Obstructive Pulmonary Disease(COPD)
Hiroo Wada (*The First Department of Internal Medicine Kyorin University School of Medicine, Tokyo, Japan*)
- P-1-57** Adiponectin Level and High-sensitivity CRP Level in Patients with COPD Patients
Shinji Teramoto (*The Department of Geriatric Medicine, University of Tokyo, Tokyo, Japan*)
- P-1-58** Body Mass Index and Pulmonary Hemodynamics in Patients with Severe Pulmonary Emphysema
Motokimi Shiraishi (*Division of Respiratory Medicine, Department of Medicine School of Medicine, Fukuoka University, Fukuoka. Japan*)
- P-1-59** Calorimetric Measurement of Expired Gas during Exercise in Aged COPD Patients
Toshio Ichiwata (*Department of Respiratory Medicine, Koshigaya Hospital, Dokkyo University School of Medicine, Japan*)
- P-1-60** Cardiorespiratory Responses to Three Different Exercise Tests in Patients with Stable COPD
Masahiro Satake (*Department of Physical Therapy, Akita University School of Health Sciences, Akita, Japan*)
- P-1-61** Seasonal Changes of Cardiorespiratory System Reaction on Physical Loading in Patients with Chronic Bronchitis
Natalia N. Vavilova (*Laboratory of Functional Researches of Respiratory System, Far Eastern Scientific Center of Physiology and Pathology of Respiration, Blagoveschensk, Russia*)
- P-1-62** Tachycardia and Pulmonary Hypertension Predict Long-term Mortality after Hospitalization for Acute Exacerbation of COPD
Jin Hwa Lee (*Department of Internal Medicine, Ewha Womans University, Seoul, Korea*)
- P-1-63** No Differences in Left and Right Ventricular Ejection Fractions in Patients with or without Chronic Obstructive Pulmonary Disease and Smokers
Mohammad Reza Movahed (*University of California, Irvine Medical Center, USA*)

Monday November 20

- Poster Presentation 8
- Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Bronchial Asthma/COPD Genetic Background

- *The Speakers should be at their posters during the viewing period: **11:00-11:30**.
- *The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.
- *The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Nobuyuki Hizawa (*First Department of Medicine, Hokkaido University, Japan*)
James C. Hogg (*St. Paul's Hospital, Vancouver, Canada*)

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- P-1-65** Association of TGF- β Polymorphisms with COPD in Japan
Miho Nakamura (*Division of Pulmonary Medicine, Department of Medicine, Keio University School of Medicine, Tokyo, Japan*)
- P-1-66** Functional Variations of -1055 IL-13 Promoter Polymorphisms in Taiwanese
Shih-Feng Liu (*Department of Internal Medicine, Chang Gung Memorial Hospital - Kaohsiung Medical Center, Chang Gung University College of Medicine, Kaohsiung, Taiwan*)
- P-1-67** Genetic Polymorphism in Human Beta -Defensin-1 and Chronic Obstructive Pulmonary Disease in Han Population of South China
Zhou Min (*Department of Respiratory Medicine, Ruijin Hospital, Shanghai JiaoTong University, Shanghai, China*)
- P-1-68** C-863A Polymorphism of the Tumor Necrosis Factor- α Gene Promoter and Chronic Obstructive Pulmonary Disease
Yung Che Chen (*Division of Pulmonary and Critical Care Medicine, Department of Medicine, Chang Gung Memorial Hospital, Kaohsiung, Taiwan*)
- P-1-69** β 2-adrenoceptor Genotype and Susceptibility to COPD in Korea
Jun G. Son (*The Department of Internal Medicine, Chonnam National University Hospital, Gwangju, Korea*)
- P-1-70** Global Genes Expression Analysis of CD4+ T Lymphocyte Activation in Asthma
Roslan Harun (*UKM Medical Molecular Biology Institute, Malaysia*)
- P-1-71** Sequence Variants in Organic Cation Transporter 3 Gene
Toshiki Shikanai (*Third Department of Internal Medicine, Iwate Medical University, Morioka, Japan*)
- P-1-72** CA Repeat Polymorphism of EGFR Intron1 is Associated with Susceptibility and Severity of Asthma
Xintao Wang (*Department of Pulmonary Medicine, School of Medicine, Fukushima Medical University, Japan*)

■ Poster Presentation 9

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Bronchial Asthma/COPD Molecular Mechanism II

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Junichi Chihara** (*Department of Clinical and Laboratory Medicine, Akita University School of Medicine, Japan*)

Richard E. Ruffin (*University of Adelaide, Discipline of Medicine, Australia*)

- P-1-73** A Stochastic Model of Airway Smooth Muscle -An Ising Model for Airway Hyperresponsiveness and Hysteresis
Kyong-Yob Min (*Respiratory Division of Internal Medicine, Itami City Hospital, Hyogo, Japan*)
- P-1-74** The Synthetic beta2-adrenoceptor Agonist Procaterol Enhances Peroxisome Proliferator-Activated Receptor (PPAR)-gamma Expression in Human Eosinophils
Shigeharu Ueki (*Department of Internal Medicine, Teikyo University School of Medicine, Tokyo, Japan*)
- P-1-75** Effects of Mite Allergen Sensitization and Corticosteroid Treatment on Phagocytosis of Alveolar Macrophages Against *Aspergillus Fumigatus*
Chizu Fukushima (*Second Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki, Japan*)
- P-1-76** Effects of Cigarette Smoke Extract and Dexamethasone on the Expression of Glucocorticoid Metabolizing Enzyme in Human Lung Epithelial Cells
Misa Wakaki (*Division of Pulmonary Medicine, Department of Medicine, Keio University School of Medicine, Japan*)
- P-1-79** Dioscorin, An Extract from Chinese Yam, Protected A549 Human Airway Epithelium Cells from the Attack of Hydrogen Peroxide
Jeng - Yuan Hsu (*Division of Chest Medicine, Taichung Veterans General Hospital, Taichung, Taiwan*)
- P-1-80** Simvastatin Inhibits Airway Smooth Muscle Cell Proliferation and Migration Induced by Platelet-derived Growth Factor
Naoya Takeda (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan*)
- P-1-81** Minocycline Inhibits Rhinovirus Infection in Cultured Human Tracheal Epithelial Cells
Takahiko Sasaki (*Geriatric and Respiratory Medicinen, Tohoku University, Sendai, Japan*)
- P-1-82** Clarithromycin Inhibits Migration of Lung Fibroblasts
Tadashi Kohyama (*Department of Respiratory Medicine, University of Tokyo, Tokyo, Japan*)



Monday November 20

■ Poster Presentation 10

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Bronchial Asthma/COPD Molecular Mechanisms I

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Yasuyuki Nasuhara** (*First Department of Medicine, Hokkaido University Hospital, Japan*)

Leonardo M. Fabbri (*Department of Respiratory Diseases, University of Modena and Reggio Emilia, Italy*)

- P-1-83** Matrix-metalloprotease 9 Induces TGF-beta 1 Production from Airway Epithelium in Chronic Obstructive Pulmonary Disease
Lungyu Liu (*Chest Department, Taipei Veterans General Hospital, Taipei, Taiwan*)
- P-1-84** Eotaxin and Eotaxin-2 Expression in Human Bronchial Epithelial Cell
Wei Tang (*Department of Respirology, Shanghai Ruijin Hospital, Shanghai JiaoTong University, Shanghai, China*)
- P-1-85** Interferon- β Augments Eosinophil Adhesion to Endothelial Cells via the Expression of VCAM-1
Takehito Kobayashi (*Department of Respiratory Medicine, Saitama Medical School, Japan*)
- P-1-86** IL-10 Regulate Smad Protein Expression in Cultured Airway Epithelial Cells
Naoto Fueki (*Department of Pulmonary Medicine and Clinical Immunology, Dokkyo University School of Medicine, Japan*)
- P-1-87** The Function of Hepatocyte Growth Factor in Bronchial Asthma
Wataru Ito (*Department of Clinical and Laboratory Medicine, Akita University School of Medicine, Akita, Japan*)
- P-1-88** TGF- β Induces a Contractile Phenotype in Human Airway Mesenchymal Cells
Akira Yamasaki (*Division of Medical Oncology and Molecular Respirology, Department of Multidisciplinary Internal Medicine, Faculty of Medicine, Tottori University, Japan*)
- P-1-89** Mast Cell Infiltration in the Airway of Patients with Chronic Cough
Hideyasu Shimizu (*Department of Internal Medicine, Division of Respiratory Medicine and Clinical Allergy, Department of Otolaryngology, Fujita Health University, Toyoake, Japan*)
- P-1-90** Relationship between Cellular Senescence and Lung Inflammation
Takao Tsuji (*First Department of Tokyo Women's Medical University, Tokyo, Japan*)
- P-1-91** Circulating Endothelial Cells and Stromal Cell-derived Factor-1 in COPD
Hiroyasu Kobayashi (*Department of Pulmonary and Critical Care Medicine, Mie University, School of Medicine, Mie, Japan*)

Monday November 20

■ Poster Presentation 11

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Smoking Cessation

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Mayumi Abe** (Tokyo University of Agriculture & Technology, Japan)
Won Dong Kim (Asan Medical Center, University of Ulsan College of Medicine, Division of Pulmonary and Critical Care Medicine, Korea)

- P-1-92** A Cross-sectional Study of Progression to Chronic Obstructive Pulmonary Disease Influenced by Smoking Habit and Smoking Cessation
Masako Shigeta (Division of Medical Check-up and Health Promotion, Kyoto First Red Cross Hospital, Japan)
- P-1-93** Longer Duration of Smoking Cessation is Associated with Better Lung Function in Ex-smokers
Takeharu Koga (Department of Medicine, Division of Respiriology and Neurology, Kurume University School of Medicine, Kurume, Japan)
- P-1-94** Results of a Survey Questionnaire Concerning Smoking Conditions in 54 major Japanese Pharmaceutical Companies and Among Their Employees
Hiroyuki Ohbayashi (Department of Allergy and Respiratory Disease, Tohno-Koisei Hospital, Gifu, Japan)
- P-1-95** Increased Association between Chronic Cough and Sputum Production with the Length and Amount of Smoking
Mohammad Reza Movahed (Department of Medicine and Department of Radiology, University of California, Irvine Medical Center, USA)
- P-1-96** The Effect of Smoke free Education Programs in Juveniles in Ishinomaki District (Northeast Coastal Region of Japan)
Masaru Yanai (Respiratory Division, Ishinomaki Red Cross Hospital, Japan)
- P-1-97** Impact of New Graphic Health Warnings on Cigarette Packs on Attitudes and Smoking-cessation Behaviour in Singaporean Smokers
Verena Q.L. Chua (Department of Respiratory and Critical Care Medicine, Singapore General Hospital, Singapore)
- P-1-98** How Do Workplace Interventions Work to Stop People Smoking?
Qingping Zeng (Guangzhou Economy & Technology Industrial Development Company, China)
- P-1-99** Success Rate of Smoking Cessation in a Smoking Cessation Clinic Run by a Pulmonologist during Treatment of Out Patient Department
Eun Mi Chun (Division of Pulmonary and Critical Care Medicine Department of Internal Medicine Dongdaemun Hospital Ewha Woman University, College of Medicine, Seoul, Korea)



Monday November 20

- P-1-100** The Usefulness of the Kano Test for Social Nicotine Dependence (KTSND) in Evaluating the Effect of the Anti-smoking Lecture
Chiharu Yoshii (*Division of Respiratory Disease, University of Occupational and Environmental Health Japan, Kitakyushu, Japan*)
- P-1-101** The Kano Test for Social Nicotine Dependence (KTSND) Can Reflect Smoking Status and Stages for Quitting Smoking
Haruko Taniguchi (*Third Department of Sapporo Medical University School of Medicine, Hokkaido, Japan*)

Event Hall

■ Poster Presentation 12

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Diagnosis of Pneumonia

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Koichi Izumikawa (*Second Department of Internal Medicine, Nagasaki University School of Medicine, Japan*)

Glen Westall (*Lung Transplant Unit, Department of Allergy, Immunology and Respiratory Medicine, Alfred Hospital, Department of Medicine, Monash University, Melbourne, Australia*)

- P-1-102** Rapid Diagnostic Method of Atypical Pneumonia
Naoyuki Miyashita (*Division of Respiratory Diseases, Department of Medicine, Kawasaki Medical School, Kurashiki, Japan*)
- P-1-103** Clinical Usefulness of Real-time PCR for Diagnosis of Pneumocystis Pneumonia, Comparison with Conventional PCR
Tomoyuki Fujisawa (*Second Division, Department of Internal Medicine, Hamamatsu University School of Medicine, Japan*)
- P-1-104** Measurement of Plasma β -D-glucan Combined with PCR in BALF is Useful in Diagnosis of Pneumocystis Pneumonia in Patients without AIDS
Satoshi Fuke (*First Department of Medicine, Hokkaido University School of Medicine, Sapporo, Japan*)
- P-1-105** Discrimination between Bacterial Infections and Other Causes in Patients with Respiratory Symptoms by Epifluorescence Microscopic Analysis of BALF
Toshinori Kawanami (*The Department of Respiratory Disease, University of Occupational and Environmental Health Japan (UOEH) Japan*)
- P-1-106** Diagnostic Usefulness of Soluble Triggering Receptor Expressed on Myeloid Cells-1 in Patients with Bilateral Lung Infiltrates
Jin Won Huh (*Division of Pulmonary and Critical Care Medicine, University of Inje, Ilsan Paik Hospital, Goyang-si, Korea*)

Monday November 20

- P-1-107** Risk Factors for Macrolide Resistant Pneumococcal Pneumonia in Japan: Correlation with Genotypes of Macrolide Resistance Genes
Rie Isozumi (*Department of Respiratory Medicine, Kyoto University, Kyoto, Japan*)
- P-1-108** Comparative Study of KL-6, beta-glucan, and BALF Findings in HIV-infected, HTLV-I-infected, and Steroid Induced *Pneumocystis Jiroveci* Pneumonia
Futoshi Higa (*Department of Medicine and Therapeutics, Control and Prevention of Infectious Diseases, Univeristy of the Ryukyus, Okinawa, Japan*)
- P-1-109** High Resolution Computed Tomography (HRCT) Findings in Patients with *Pneumocystis Jiroveci*
Norihiko Nakanishi (*Department of Respirology, Ehime Prefecture Central Hospital, Ehime, Japan*)

Event Hall

■ Poster Presentation 13

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Treatment of Pneumonia and Plumonary Infection

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Junichi Kadota (*Department of Infectious Diseases, Oita University Faculty of Medicine, Japan*)

Faisal Yunus (*Department of Respiratory Medicine, Faculty of Medicine, University of Indonesia, Indonesia*)

- P-1-110** Empiric Therapy using ATS Guidelines Saves Medical Costs in Hospitalized Patients with Community-acquired Pneumonia
Tomotaka Kawayama (*First Department of Internal Medicine, Kurume University School of Medicine, Kurume, Japan*)
- P-1-111** The Effect of Phenoxazine Derivate on the Growth *Chlamydia Pneumoniae*
Tomonori Uruma (*First Department of Internal Medicine, Kyorin University School of Medicine, Tokyo, Japan*)
- P-1-112** Efficacy of Bifid in Prevention of Antibiotic-associated Diarrhea in Old Patients
Yanliang Ma (*Department of Pulmonary Medicine, People's Hospital, Peking University, Beijing, China*)
- P-1-113** Hochu-ekki-to Inhibits Rhinovirus Infection in Human Tracheal Epithelial Cells
Katsutoshi Nakayama (*Department of Respiratory and Geriatric Medicine, Tohoku University School of Medicine, Sendai, Japan*)
- P-1-114** Intravenous Ciprofloxacin versus Erythromycin in the Treatment of Legionella Pneumonia
Shusaku Haranaga (*Department of Medicine and Therapeutics, Control and Prevention of Infectious Diseases, First Department of Internal Medicine, Faculty of Medicine, University of the Ryukyus, Japan*)



Monday November 20

- P-1-115** Glucocorticoid Treatment for Community-acquired Pneumonia in Chronic Obstructive Pulmonary Disease
Yutaka Ito (*Department of Respiratory Medicine, Kyoto University, Kyoto, Japan*)
- P-1-116** Early Administration of Sivelestat Prevents Ventilator-associated Pneumonia in ICU Patients
Ikuko Koseki (*Intensive Care Units, Yamagata University Hospital, Yamagata, Japan*)
- P-1-117** Influenced of 8-week Administration of Low-dose Erythromycin to Improve Clinical Symptoms in Stable Bronchiectasis Patients
Faisal Yunus (*Departement of Pulmonology and Respiratory Medicine, Faculty of Medicine University of Indonesia, Persahabatan Hospital, Jakarta, Indonesia*)
- P-1-118** Our Experience on the Treatment of the Lung Abscess
Shinichiro Mikura (*The First Department of Internal Medicine Kyorin University School of Medicine, Tokyo, Japan*)
- P-1-119** Additive Preventive Effect of Influenza and Pneumococcal Vaccines in Chronic Respiratory Failure Patients
Mitsuhiro Sumitani (*Department of Respiratory Medicine, Osaka City General Hospital, Osaka, Japan*)

Event Hall

■ Poster Presentation 14

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Clinical Course of Pneumonia

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kazunori Tomono (*Division of Infection Control and Prevention, Osaka University Hospital, Japan*)

Chia-Lin Hsu (*Department of Internal Medicine, National Taiwan University Hospital, Taiwan*)

- P-1-120** Clinical Course and Outcome of Patients with Severe Community-acquired Acinetobacter Pneumonia Admitted to the Intensive Care Unit
Warren Wong (*Department of Medicine, Tuen Mun Hospital, Hong Kong*)
- P-1-121** Usefulness of the Severity Classification for Community-acquired Pneumonia by the A-DROP System of the Japanese Respiratory Society Guidelines
Hiroshige Yoshioka (*Department of Respiratory Medicine, Kurashiki Central Hospital, Okayama, Japan*)
- P-1-122** Etiologies and Outcomes of Severe Community-acquired Pneumonia
Chia-Lin Hsu (*Department of Internal Medicine, National Taiwan University Hospital, Taipei, Taiwan*)

- P-1-123** Clinical Characteristics of 8 Sporadic Cases of Community-acquired Legionella Pneumonia in Advanced Age
Eiichiro Sugihara (*Department of General Medicine, Juntendo University School of Medicine, Tokyo, Japan*)
- P-1-124** Clinical Examination of Acute Empyema in 14 Cases
Hisamichi Yuda (*Department of Respiratory Medicine, Mie Prefectural General Medical Care Center, Japan*)
- P-1-125** The Epidemiology and Outcome of Sepsis in Four Taiwan Intensive Care Units
Fung J. Lin (*Respiratory Division, Department of Internal Medicine, MacKay Memorial Hospital, Taipei, Taiwan*)
- P-1-126** An Audit of Clinical Outcomes using the Pneumonia Severity Index in Singapore
T.K. Lim (*Department of Medicine, National University Hospital, Singapore*)
- P-1-127** Propriety of the New Guidelines for Evaluating the Severity of Pneumonia in Patients with Streptococcus Pneumoniae
Kazuhiro Kimura (*Division of Respiratory Medicine, Toho University Omori Medical Center, Tokyo, Japan*)



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Monday November 20

■ Poster Presentation 15

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Risk Factors of Pulmonary Infection and Adverse Effects

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Hajime Goto (*Department of Pulmonary Medicine, Kyorin University School of Medicine, Japan*)

Xiaomei Wang (*National Center for TB Control and Prevention, Chinese Center for Disease Control and Prevention, China*)

- P-1-128** Incidence of Pneumonia in Patients after Stroke
Anita A Arsovska (*ICU, Clinic of Neurology, Medical Faculty Skopje, Macedonia*)
- P-1-129** Bacteriology and Outcome Analysis of Cirrhotic Patients with Infective Pleural Effusions
Yi-Heng Liu (*Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, China Medical University Hospital, Taichung, Taiwan*)
- P-1-130** Triggering Receptor Expressed on Myeloid Cells (TREM-1) as a Predictor of Outcome in Ventilator-associated Pneumonia
Yu-Chung Kung (*Department of Chest Medicine, Department of Internal Medicine, Mackay Memorial Hospital, Taipei, Taiwan*)

- P-1-131** Prognostic Factors in Elderly Patients with Pneumonia: Male Gender, Dysphagia, Lower Activity, Poor Oral Intake and Hyponatremia
Eisuke Goto (*Department of Respiratory Medicine, Faculty of Medical and Pharmaceutical Sciences, Kumamoto University, Kumamoto, Japan*)
- P-1-132** The Risk Factors in Patients with Fatal Community Acquired-pneumonia
Tomotaka Kawayama (*First Department of Internal Medicine, Kurume University School of Medicine, Kurume, Japan*)
- P-1-133** Association between Polymorphisms in Genes Related with Drug Disposition and Cutaneous Adverse Reaction to Antituberculosis Drugs
Sang-Heon Kim (*Department of Internal Medicine, Hanyang University College of Medicine, Seoul, Korea*)
- P-1-134** Do Mitochondrial DNA Haplogroups Play a Role in Susceptibility to Tuberculosis? (First Report)
Zahra Shariat (*Sajad hospital, Internal Medicine Department Tehran, Iran*)
- P-1-135** Mannose-binding Lectin Gene Polymorphism is a Modulating Factor in Repeated Respiratory Infections
Kazunori Gomi (*Department of Respiratory Oncology and Molecular Medicine, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan*)
- P-1-136** Hepatitis C Infection and Hepatotoxicity during Antituberculosis Chemotherapy
Yong Soo Kwon (*Divisions of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*)

Event Hall

■ Poster Presentation 16

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Drug-resistant Bacteria & Antibiotics

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Satoshi Ichiyama (*Department of Clinical Laboratory Medicine and Infectious Diseases, Graduate School of Medicine, Kyoto University, Japan*)

John Nicholls (*Department of Pathology, The University of Hong Kong, Hong Kong*)

- P-1-137** Effects of Long-term Macrolide Administration on *Helicobacter pylori* Infection
Motonari Fukui (*Division of Respiratory Medicine, Department of Medicine, Kitano Hospital The Tazuke Koufukai Medical Research Institute, Osaka, Japan*)
- P-1-138** Drug-resistant Genes and Serotypes of Pneumococcal Strains of Community-acquired Pneumonia among Adults in Japan
Kazunori Oishi (*Department of Special Pathogens, International Research Center for Infectious Diseases, Research Institute for Microbial Diseases, Osaka University, Japan*)

- P-1-139** Intrapulmonary Pharmacokinetics of Moxifloxacin in Human
Yanrong Qian (*Respiratory Department, Ruijin Hospital, Shanghai, China*)
- P-1-140** Concentrations of Telithromycin in Bronchial Lining Fluid Determined with a Bronchoscopic-microsampling Method
Takayuki Miyara (*Department of Respiratory Medicine and Allergology, School of Medicine, Kinki University, Osaka, Japan*)
- P-1-141** Evaluation of Bacterial Flora in Bronchoalveolar Lavage Fluids of Patients with Pneumonia by a Cultivation-independent Method
Kazuhiro Yatera (*The Department of Respiratory Disease, University of Occupational and Environmental Health Japan (UOEH) Japan*)
- P-1-142** Multi-drug Resistance in Streptococcus Pneumonia with Quinolone Resistance Mutations
Makoto Osawa (*Department of Respiratory Medicine, Graduate School of Kyoto University, Kyoto, Japan*)
- P-1-143** Intrapulmonary Pharmacokinetics of Moxifloxacin in Rat
Yanrong Qian (*Respiratory Department, Ruijin Hospital, Shanghai, China*)
- P-1-144** Effect of Methicillin Resistant Staphylococcus Aureus (MRSA) Isolation in Tracheal Aspiration on the Outcome with Acute Respiratory Failure
Won Il Choi (*Department of Medicine, Keimyung University, Daegu, Korea*)
- P-1-145** *Acinetobacter Baumannii* Respiratory Isolates in Ventilated Patients: Association with Hospital Stay and Severity-adjusted Mortality
Li Cher Loh (*Department of Medicine, International Medical University, Kuala Lumpur, Malaysia*)

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■ Poster Presentation 17

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

TB Clinical & Epidemiology

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Tow Keang Lim (*Respiratory & Critical Care Medicine, National University Hospital, National University Singapore, Singapore*)

Prayudi Santoso (*Subdivision of Pulmonology, Department of Internal Medicine, Padjajaran University, Dr. Hasan Sadikin General Hospital Bandung, Indonesia*)

- P-1-146** Clinical and Bronchoscopic Features in Endobronchial Tuberculosis
Jin Young Anh (*Chungju St. Mary's Hospital, Chungju, Korea*)

Monday November 20

- P-1-147** Patients Profile of Pulmonary Tuberculosis in Persahabatan Hospital Outpatient Jakarta Indonesia January-July 2005
Yusuf Pohan (*Department of Pulmonary and Respiratory Medicine, Faculty Medicine University of Indonesia, Jakarta, Indonesia*)
- P-1-148** Tobacco Smoking and the Activity of Pulmonary Tuberculosis
Taishi Nagao (*Department of Cardiovascular and Respiratory Medicine, Shiga University of Medical Science, Shiga, Japan*)
- P-1-149** Characterization of Osteoarticular Tuberculosis
Tomoko Kamimura (*Department of Medicine, Division of Respirology and Neurology, Kurume University School of Medicine, Kurume, Japan*)
- P-1-150** An Analysis of the Diagnosis and Treatment of Pulmonary Tuberculosis in a General Hospital
Beili Gao (*Department of Pulmonary Medicine, Shanghai Ruijin Hospital, Shanghai Jiao Tong University, Shanghai, China*)
- P-1-151** Sleep Patterns among Patients with Pulmonary Tuberculosis In ILE IFE, NIGERIA-A Prelim Report
Olanisun O. Adewole (*Department of Medicine, National Hospital, Abuja, Nigeria*)
- P-1-152** Prevalence of Pulmonary Tuberculosis in a Prison in Jakarta, Indonesia
Dewi Puspitorini (*Department of Pulmonology and Respiratory Medicine, University of Indonesia, Jakarta, Indonesia*)
- P-1-153** Five Cases of Tuberculous Otitis Media
Takanori Numata (*Division of Respiratory Diseases, Department of Internal Medicine, Jikei University School of Medicine, Tokyo, Japan*)

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■ Poster Presentation 18

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

TB - New Diagnostic Methods & MAC Disease

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Katsuhiko Suzuki** (*Department of Infectious Disease, NHO Kinki-Chuo Chest Medical Center, Japan*)
Francesco Blasi (*University of Milan, Italy*)

- P-1-154** Diagnostic Role of Tuberculin Test in Pulmonary Tuberculosis and Clinical Correlations
Mizanur Rahman (*Respiratory Medicine, National Institute of Diseases of the Chest & Hospital (NIDCH), Dhaka, Bangladesh*)
- P-1-155** Pulmonary TB and NTM Lung Disease: Comparison of Clinical and Radiographic Features in Patients with AFB Smear-positive Sputum
Hye Yun Park (*Division of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*)

- P-1-156** Diagnosis and Evaluation of Chemotherapeutic Response in Patients with Pulmonary *Mycobacterium Avium* Complex Disease by Measurement of Anti-glycopeptidolipid Antibodies
Tomoyasu Nishimura (*Division of Pulmonary Medicine, Department of Medicine, Keio University School of Medicine, Japan*)
- P-1-157** Clinical Effect of Combined Therapy According to the Guidelines for the Treatment of Pulmonary *Mycobacterium Avium* Complex Disease
Yoshihiro Kobashi (*Division of Respiratory Diseases, Department of Medicine, Kawasaki Medical School, Kurashiki, Japan*)
- P-1-158** Surgical Management of Nontuberculous Mycobacterial Lung Disease
Yee Hyung Kim (*Divisions of Pulmonary and Critical Care Medicine, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea*)
- P-1-159** Role of PCR of Fine Needle Aspirates in the Diagnosis of Tuberculous Lymphadenitis among Non-metastatic Superficial Lymphadenopathy
Jae Y Chin (*Department of Internal Medicine, Dae-Jin Medical Center, Sunghnam-Si, Gyeonggi-Do, Korea*)
- P-1-160** Extrapulmonary Tuberculosis (EPTB): Clinical and Epidemiologic Spectrum in Our University Hospital
Kazue Fujita (*The Fourth Department of Internal Medicine, Nippon Medical school, Tokyo, Japan*)
- P-1-161** DOTS in the Hospital Setting: The Role of Education among Drug Observers and Patients
Erlina Burhan (*Department of Respiratory Medicine, University of Indonesia, Jakarta, Indonesia*)
- P-1-162** Novel Vaccination (HVJ-LIPOSOME / HSP65 DNA+ IL-12 DNA) against Tuberculosis using Cynomolgus Monkeys
Masaji Okada (*Clinical Research Center, National Hospital Organization, Kinki-Chuo Chest Medical Center, Sakai, Osaka, Japan*)



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■ Poster Presentation 19

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

TB - Bacteriological Studies

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Eisaku Tanaka** (*Department of Respiratory Medicine, Tenri Hospital, Japan*)
Anastasios Konstantinos (*Queensland Tuberculosis Control Centre, Queensland Health, Australia*)

- P-1-163** Transmission Dynamics of Tuberculosis in Hong Kong: Analysis of 36 Months RFLP Study
JKL Wang (*Department of Medicine, Queen Mary Hospital, The University of Hong Kong, Hong Kong*)

- P-1-164** Impact of Migration on Tuberculosis Trends in Queensland
Anastasios Konstantinos (*Queensland Tuberculosis Control Centre, Queensland Health, Queensland, Australia*)
- P-1-165** Evaluation of Variable Numbers of Tandem Repeat (VNTR) for Molecular Typing using Mycobacterium Tuberculosis Isolates in Tokyo
Yoshiro Murase (*Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Kiyose, Tokyo, Japan*)
- P-1-166** A Population-based DNA Fingerprinting of *M.tuberculosis* in an Urban Setting in Japan - Clustering and Homelessness -
Akihiro Ohkado (*Department of Research, Research Institute of Tuberculosis, Kiyose, Tokyo, Japan*)
- P-1-167** Transmission of Mycobacterium Tuberculosis in an Urban Setting in Japan and Its Association with Age, Sex and Homelessness
Kazuhiro Uchimura (*Research Institute of Tuberculosis, Japan Anti-Tuberculosis Association, Kiyose, Tokyo, Japan*)
- P-1-168** Multi-drug Resistant Tuberculosis (MDR-TB) Treatment in Bangladesh - Treatment Experiences and Socio-economic Implications
Asif M Mahmud (*National Institute of Diseases of Chest and Hospital(NIDCH) Mohakhali, Dhaka, Bangladesh*)
- P-1-169** Sample Survey of the Drug Susceptibility Test against the Second-line Anti-tuberculosis Drugs in Henan China
Takeshi Ikeda (*National Hospital Organization South Kyoto Hospital, Japan*)
- P-1-170** Trends of Drug Resistant M. Tuberculosis in a Tertiary Tuberculosis Center in Iran
Golnaz Ebrahimi (*Shaheed Beheshti Medical Science University, Tehran, Iran*)
- P-1-171** Fit-test for Particulate Respirators for Health Care Workers
Hiroko Tomoi (*The Department of Nursing, Tenri Hospital, Nara, Japan*)

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■ Poster Presentation 20

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Pulmonary Fungal Disease, Infection Control, Influenza

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Shu Hashimoto (*Division of Respiratory Medicine, Department of Internal Medicine, Nihon University School of Medicine, Japan*)

Tawee Chotpitayasunondh (*Queen Sirikit National Institute of child Health, Department of Medical Services, Ministry of Public Health, Thailand*)

- P-1-172** Avian Influenza : A Case Report
Priyanti ZS Yanti (*Department of Pulmonology and Respiratory Medicine, Faculty of Medicine, University of Indonesia, Jakarta, Indonesia*)
- P-1-173** Watch Out for New Influenza Outbreak
Wai Lin Au (*Nursing Administration, North District Hospital, Hong Kong*)
- P-1-174** Prevention of an Outbreak of Burkholderia Cepacia Contaminations via Ultrasonic Nebulizer
Mitsuhiro Okazaki (*Clinical Laboratory, Kyorin University School of Medicine Hospital, Tokyo, Japan*)
- P-1-175** Trend of Respiratory Bacterial Infection in One University Hospital ICU after Remodelling and Relocation
Ho-Kee Yum (*Department of Internal Medicine, Inje University, Seoul, Korea*)
- P-1-176** New Diagnosing Tool for Aspergillus Infection
Tomomi Saijyo (*The Second Department of Internal Medicine, Nagasaki University School of Medicine, Nagasaki, Japan*)
- P-1-177** Clinical and Autopsy Findings of Pulmonary Mucormycosis in Adult Hematological Patients
Kousuke Watanabe (*The Department of Respiratory Medicine, Tokyo Teishin Hospital, Tokyo, Japan*)
- P-1-178** Efficacy and Safety of Voriconazole (VRCZ) in the Treatment of Pulmonary Fungal Infection : A Retrospective Analysis of Eight Cases
Yoshiko Kichikawa (*Department of Respiratory Medicine, Kanto Central Hospital, Tokyo, Japan*)
- P-1-179** Primary Pulmonary Cryptococcosis: Clinical Features, Diagnosis and Treatment Outcome
Yusuke Narita (*The Department of Respiratory Medicine, Yokohama Municipal Citizen's Hospital, Kanagawa, Japan*)



Monday November 20

Event Hall

■ Poster Presentation 21

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Sleep Disordered Breathing: Prevalence Sleepiness and Oral Appliance

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Hiroki Sakakibara (*Division of Respiratory Medicine and Clinical Allergy, Department of Internal Medicine, Fujita Health University School of Medicine, Japan*)

George Dungan (*Woolcock Institute of Medical Research & University of Sydney, Australia*)

- P-1-180** Prevalence of Sleep Disordered Breathing and Sleep Apnea Syndrome in Japanese Male Industrial Workers
Hiroki Sakakibara (*Division of Respiratory Medicine and Clinical Allergy, Department of Internal Medicine, Fujita Health University School of Medicine, Japan*)

- P-1-181** Analysis of Sleep Questionnaires of Patients Who Performed Overnight Polysomnography at a University Hospital
Hwa Sik Moon (*Department of Internal Medicine, The Catholic University of Korea, College of Medicine, Seoul, Korea*)
- P-1-182** The Prevalence of Obstructive Sleep Apnea Symptoms among Patients With Stable Chronic Obstructive Pulmonary Disease and their Quality of Life
Aslama M. Alauya-Lamping (*Pulmonary Section, Department of Medicine, University of the Philippines-Philippine General Hospital, Philippines*)
- P-1-183** Sleepiness and Sleeping Patterns among Air Traffic Controllers and Communicators
Eleanor A Dominguez (*Section of Pulmonary Medicine, Philippine General Hospital, Manila, Philippines*)
- P-1-184** Night-to-night Variability in Domiciliary Detection of Obstructive Sleep Apnea: Comparing Oximetry and a Novel Flow Recording Device
George Dungan (*Woolcock Institute of Medical Research & University of Sydney, Australia*)
- P-1-185** Comparative Study of Daytime Sleepiness among Year Levels of Medical Students with their Quality of Life
Crisanta Gabriela Palabay (*Section of Pulmonary Medicine, University of the Philippines-Philippine General Hospital, Manila, Philippines*)
- P-1-186** Prevalence of Metabolic Syndrome in Severe Patients with Obstructive Sleep Apnea Hypopnea Syndrome in Japan
Akihito Uematsu (*Department of Respiratory Medicine, Nihon University School of Medicine, Tokyo, Japan*)
- P-1-187** Treatment of 328 Consecutive Patients with Obstructive Sleep Apnea Syndrome with a Dental Appliance as a First-line Choice
Hiroki Sakakibara (*Division of Respiratory Medicine and Clinical Allergy, Department of Internal Medicine, Fujita Health University School of Medicine, Japan*)
- P-1-188** The Efficacy of Oral Appliances in the Treatment of Severe Obstructive Sleep Apnea
Bing Lam (*University Department of Medicine, University of Hong Kong, Hong Kong*)
- P-1-189** The Correlation between Cephalometric Study and Sleep Apnea in Taiwan
En-Ting Chang (*Department of Chest Medicine, Buddhist Tzu Chi General Hospital, Hualien, Taiwan*)

Monday November 20

■ Poster Presentation 22

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Sleep Disordered Breathing: Systemic Diseases and Humoral Factors

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Shinji Tamaki (*Second Department of Internal Medicine, Nara Medical University, Japan*)

Mary Sau Man Ip (*Department of Medicine, The University of Hong Kong, Hong Kong*)

- P-1-190** Effect of Nasal Continuous Positive Airway Pressure on Hypertension Related to Obstructive Sleep Apnea-hypopnea Syndrome
Shinobu Osanai (*Department of Medicine, Asahikawa Medical College, Asahikawa, Japan*)
- P-1-191** Relationships between Hemodynamic Parameters and Different Levels of Continuous Positive Airway Pressure
Shih-Yi Lee (*Chest Division, Department of Internal Medicine, Mackay Memorial Hospital, Main Branch Hospital, Taipei, Taiwan*)
- P-1-192** Metabolic Syndrome and Insulin Resistance in Japanese Patients with Sleep Apnea Syndrome
Fumihiko Sasaki (*Division of Respiratory Medicine and Clinical Allergy, Department of Internal Medicine, Fujita Health University, School of Medicine, Japan*)
- P-1-193** The Findings of Polysomnography in Patients with Diabetes Mellitus Type2 in Japan
Hiroyuki Tominaga (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Chikushi, Japan*)
- P-1-194** Serum Levels of High Molecular Weight Form of Adiponectin in Patients with Obstructive Sleep Apnea Syndrome
Shinji Tamaki (*The Second Department of Internal Medicine, Nara Medical University, Nara, Japan*)
- P-1-195** The Impairment of Stimulatory Action of Leptin on Central Respiratory Control Systems in Hypercapnic Patients with OSAS
Kiyoshi Makinodan (*Second Department of Internal Medicine, Nara Medical University, Nara, Japan*)
- P-1-196** Venous Thromboembolism (VTE) in Patients with Severe Obstructive Sleep Apnea (OSAS)
Hideo Oya (*Department of Respiratory Medicine, Saitama Medical School, Japan*)
- P-1-197** Anti-angiogenic Endostatin Levels in Circulation of Obstructive Sleep Apnea Patients
Yasushi Yamamoto (*Department of Respiratory Medicine, National Hospital Organization Dohoku Hospital, Hokkaido, Japan*)



Monday November 20

- P-1-198** GERD as a Complication of OSAS
Taichi Mochizuki (*Division of Pulmonary Disease, Internal Medicine, The Jikei University School of Medicine, Tokyo, Japan*)

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■ Poster Presentation 23

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Control of Breathing When Awake and During Sleep

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Motoharu Ohi** (*Sleep Medical Center, Osaka Kaisei Hospital, Japan*)
Chin-Pyng Wu (*President of Taiwan Society of Critical Care Medicine, Taiwan*)

- P-1-199** Phrenic Nerve Conduction Time and Diaphragm Compound Muscle Action Potential of OSAHS Patients
Yuhong Hou (*Guangzhou Institute of Respiratory disease, First Affiliated Hospital, Guangzhou Medical College, China*)
- P-1-200** Compliance of Nasopharyngeal Wall Estimated by Posterior Rhinomanometry in Patients with Obstructive Sleep Apnea: Comparison with Dynamic CT Imaging
Koji Kojima (*Department of Respiriology, Kanazawa Medical University, Ishikawa, Japan*)
- P-1-201** Estimation of Respiratory Movement using Correlation Dimension in OSAHS
Masanori Miyata (*Department of Internal Medicine and Molecular Therapeutics, Faculty of Medicine, Tottori University, Japan*)
- P-1-202** AHI during REM Sleep and AHI During Non-REM Sleep Take a Different Pattern for Severity of AHI
Masato Muraki (*Department of Respiratory Medicine and Allergology, Kinki University School of Medicine, Osaka, Japan*)
- P-1-203** Relationships among Respiratory Pattern, Spinal Deformity, Chest Surface Parameters, and Motor Function, in Patients with Severe Cerebral Palsy
Naoki Mori (*Department of Internal Medicine and Rehabilitation, Tohoku University Graduate School of Medicine, Japan*)
- P-1-204** Effect of Theophylline on Swallowing Reflex in the Elderly Nursing Home Patients
Satoru Ebihara (*Department of Geriatric and Respiratory Medicine, Tohoku University School of Medicine, Sendai, Japan*)
- P-1-205** Different Thinking and Application of Rapid Shallow Breathing Index on Chronic Respiratory Ward Patients
Kuangyu Chen (*The Department of Critical Care and Pulmonary Medicine, Poh-Ai Hospital, Taiwan*)
- P-1-206** Impaired Ventilatory Response to Hypoxia in Patients with End-stage Renal Failure (ESRF)
Brenton W Eckert (*Department of Respiratory and Sleep Medicine, Princess Alexandra Hospital, Brisbane, Australia*)

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- P-1-207** Effects of Prenatal Nicotine Exposure on Expression of Nicotinic Acetylcholine Receptors (n-AchR) in the Brainstem of the Neonatal Rat
Yoshitaka Oyamada (*Department of Pulmonary Medicine, School of Medicine, Keio University, Tokyo, Japan*)

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■ Poster Presentation 24

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Noninvasive Positive Pressure Ventilation

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kentaro Kimura (*Tondabayashi-City Care Center, Japan*)

Chung-Ming Chu (*Division of Respiratory Medicine, Department of Medicine & Geriatrics, United Christian Hospital, Hong Kong*)

- P-1-208** Application of Noninvasive Positive Pressure Ventilation in Patients with Respiratory Failure
Ki Uk Kim (*Department of Internal Medicine, College of Medicine, Pusan National University, Busan, Korea*)
- P-1-210** Safety of Diagnostic Bronchoscopy for Severe Hypoxemic Patients using Noninvasive Positive-pressure Ventilation
Ryutaro Seo (*Department of Respiratory Medicine, Kobe City General Hospital, Hyogo, Japan*)
- P-1-211** Usefulness of Noninvasive Positive Pressure Ventilation during Endoscopic Submucosal Dissection (ESD)
Hideo Toyoshima (*Department of Internal Medicine, Chikushi Hospital, Fukuoka University, Fukuoka, Japan*)
- P-1-212** The Efficacy of a New Adaptive Servo-ventilation Device for Treating Cheyne-stokes Respiration with Central-sleep-apnea among Patients with Congestive Heart Failure
Koji Narui (*Sleep Center, Toranomon Hospital, Tokyo, Japan*)
- P-1-213** Home Non-invasive Positive Pressure Ventilation Reduces Healthcare Utilization among Patients with Chronic Respiratory Failure
W.C Chan (*Department of Nursing, North District Hospital, Hong Kong*)
- P-1-214** Contribution of Polygraphy to Monitoring of Home Non-invasive Ventilation (NIV) in Obesity-hypoventilation Syndrome (OHS)
Yanfei Guo (*Department of Respiratory Medicine, Beijing Hospital, Beijing, China*)
- P-1-215** The Direction of Acute Specialized Service in a Community Hospital - The Set Up of a Respiratory Special Care Unit
Wai Lin Au (*Nursing Administration, North District Hospital, Hong Kong*)



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■ Poster Presentation 25

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Mechanical Ventilation and Critical Care

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kazumasa Yasumoto (*Department of Anesthesiology, Showa University School of Medicine, Japan*)

Chong-Jen Yu (*Department of Internal Medicine, National Taiwan University Hospital, Taiwan*)

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- P-1-216** Patient Characteristics with Severe Pneumonia in Need of Mechanical Ventilation - A Retrospective Analysis
Mitsuhiro Fujii (*Department of Respiratory Medicine, Juntendo University Shizuoka Hospital, Shizuoka, Japan*)
- P-1-217** Clinical Significance of Grossly Hemorrhagic Bronchoalveolar Lavage Fluid of Patients Admitted to Intensive Care Units
Iksoo Jeon (*Division of Pulmonology, Department of Internal Medicine, Good Gang-An Hospital, Busan, Korea*)
- P-1-218** Adrenal Insufficiency in Patients with Prolonged Mechanical Ventilation
Wei L. Lien (*Division of Chest Medicine, Department of Internal Medicine, Kaohsiung Municipal United Hospital, Kaohsiung, Taiwan*)
- P-1-219** Relationship between the Intensive Care Unit Design Regarding the Location and Function of Beds and Outcome
Hsiu-Nien Shen (*Department of Intensive Care Medicine, Chi Mei Medical Center, Tainan, Taiwan*)
- P-1-220** The Changing Hemodynamic Parameters during Weaning from Mechanical Ventilation
Shih-Yi Lee (*Chest Division, Department of Internal Medicine, Mackay Memorial Hospital, Main Branch Hospital, Taipei, Taiwan*)
- P-1-221** Does Fluid Status Affect the Result of Weaning?
Shih-Yi Lee (*Chest Division, Department of Internal Medicine, Mackay Memorial Hospital, Main Branch Hospital, Taipei, Taiwan*)
- P-1-222** Impact of Weaning Protocol on Respiratory Therapist
Chang Yi Lin (*Mackay Memorial Hospital, Taiwan*)
- P-1-223** Outcome and Prognostic Factors of Patients with Pyogenic Liver Abscess Requiring Intensive Care
Wei Chen (*Division of Pulmonary and Critical Care Medicine, Department of Internal Medicine, China Medical University Hospital, Taiwan*)

- P-1-224** Spontaneous Pneumomediastinum- A Clinical and Radiological Spectrum Investigation
Shih-Yi Lee (*Chest Division, Department of Internal Medicine, Mackay Memorial Hospital, Main Branch Hospital, Taipei, Taiwan*)
- P-1-225** Pneumonia in Patients with Organophosphate Poisoning
Kai-Ming Chang (*Department of Internal Medicine, Taichung Veterans General Hospital, Taiwan*)

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■ Poster Presentation 26

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Respiratory Care and Rehabilitation

**The Speakers should be at their posters during the viewing period: 11:00-11:30.*

**The Speakers will be required to display and present their paper during the presentation time: 11:30-12:30.*

**The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".*

Chairs: **John Moxham** (*King's College London School of Medicine, UK*)
Kazuo Chin (*Department of Physical Therapeutics and Respiratory Medicine, Kyoto University Hospital, Japan*)

- P-1-226** Which is the Best Way of CPAP Pressure Titration for Treatment of OSAHS, A,B or C?
Qingyun Li (*Department of Pulmonary Medicine, Shanghai Ruijin Hospital, Shanghai Jiao Tong University, Shanghai, China*)
- P-1-227** Comparison of Different Predicted Formula for Determining Optimum Continuous Positive Airway Pressure Level in Thai Obstructive Sleep Apnea Patients
Nitipatana Chierakul (*Department of Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand*)
- P-1-228** Is Compliance with nCPAP Decreased in Elderly Patients with OSAS?
Yanfei Guo (*Department of Respiratory Medicine, Beijing Hospital, Beijing, China*)
- P-1-229** Long-term Effect of Low-intensity Home-based Pulmonary Rehabilitation in Patients with Stable COPD
Hitomi Takahashi (*Department of Rehabilitation, Akita City General Hospital, Japan*)
- P-1-230** Combination of Chest Wall-mobilization and Respiratory Muscle Training in Comprehensive Outpatient Pulmonary Rehabilitation Improves Pulmonary Function in COPD
Takanobu Shioya (*Department of Physical Therapy, Akita University School of Health Sciences, Japan*)
- P-1-231** Six-minute Walk Distance in Healthy Singaporean Adults Cannot Be Predicted using Reference Equations Derived from Caucasian Populations
Hermione Poh (*National University Hospital, Singapore*)
- P-1-232** Diagnostic Outcome of Bedside Thoracic Ultrasonography
Imran Bin Mohamed Noor (*Department of Medicine, Changi General Hospital, Singapore*)



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P-1-233 Experience of using Intrapleural Streptokinase in Complicated Pleural Effusion in a University Teaching Hospital
Kin W To (*The Respiratory Division, Department of Medicine and Therapeutics, Prince of Wales Hospital, Hong Kong*)

P-1-234 Suicide among Respiratory Disease in Mie Prefecture, Japan
Ken Inoue (*Department of Psychiatry, Mie University Graduate School of Medicine, Mie, Japan*)

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■ Poster Presentation 27

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Lung Epithelial Cells

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kazutetsu Aoshiba (*First Department of Medicine, Tokyo Women's Medical University, Japan*)

J. Paul Seale (*Discipline of Pharmacology, University of Sydney, Australia*)

P-1-235 Ambroxol-induced Modification of Ion Transport in Human Airway Calu-3 Epithelia
Isao Hasegawa (*Department of Molecular Cell Physiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan*)

P-1-236 HCO₃⁻-Dependent Acidification after NH₄⁺ Pulse in Alveolar Type II Cells: NH₃ Excretion from Rat Lungs
Sachiko Tokuda (*Department of Pediatrics, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan*)

P-1-237 Mechanisms Involved in *Legionella pneumophila* - Induced Interleukin-8 Expression in Human Lung Epithelial Cells
Hiromitsu Teruya (*Division of Molecular Virology and Oncology, Graduate School of Medicine, University of the Ryukyus, Japan*)

P-1-238 Calcium Channel Blocker Modulates Sodium Transport in Fetal Rat Alveolar Type II Epithelium
Naomi Niisato (*Department of Molecular Cell Physiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan*)

P-1-239 Recovery of pH_i after Acid Loading Induced by Cl⁻ Channels in Rat Lung Alveolar Type II Cells: HCO₃⁻ Entry
Takashi Nakahari (*Department of Physiology, Osaka Medical College, Takatsuki, Japan*)

P-1-240 Co-cultivation with Human Lung Fibroblasts Regulates the Detachment of Human Alveolar Epithelial Cells and Endothelial Cells
Kimiko Takahashi (*The Fifth Department of Internal Medicine, Tokyo Medical University, Tokyo, Japan*)

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- P-1-241** H89, PKA Inhibitor, Stimulates Na⁺ Transport by Translocating an ENaC in Fetal Rat Alveolar Type II Epithelium
Yoshinori Marunaka (*Department of Molecular Cell Physiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Kyoto, Japan*)
- P-1-242** Influence of Prostaglandin E₂ on Cell Surface Urokinase Type Plasminogen Activator Expression and Activity in Lung Adenocarcinoma Cell Line
Katsuyuki Kobayashi (*The Fifth Department of Tokyo Medical University, Ibaraki, Japan*)
- P-1-243** The Impact of Interleukin-2 on the Regulation of Epithelial Sodium Channel in A549 Cells
Yuko Yamagata (*Kihoku Hospital, Wakayama Medical University, Wakayama, Japan*)
- P-1-244** S1P3 Receptor-induced Reorganization of Epithelial Tight Junctions Compromises Lung Barrier Integrity
Yasuhiro Gon (*Division of Molecular Cell Immunology and Allergology, Nihon University Graduate School of Medical Sciences, Tokyo, Japan*)

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■ Poster Presentation 28

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Airway Epithelial Cells & Endothelial Cells

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Mitsuru Munakata (*Department of Pulmonary Medicine, School of Medicine, Fukushima Medical University, Japan*)
Jennifer T. Burchell (*Telethon Institute for Child Health Research, Australia*)

- P-1-245** Bone Marrow-derived Progenitor Cells are not a Source of Bronchioalveolar Stem Cells after LPS-induced Lung Injury
Hiroshi Kubo (*Department of Geriatric and Respiratory Medicine, Tohoku University School of Medicine, Sendai, Japan*)
- P-1-246** Cigarette Smoke Extract Induces Endothelial Cell Injury via JNK and Mitochondria-derived Oxidant Pathway
Mitsuhiro Yoshida (*Department of Respiratory Medicine, Allergy, and Rheumatic Diseases, Osaka University Graduate School of Medicine, Osaka, Japan*)
- P-1-247** Effect of Toll-like Receptor Ligands on Survival and Chemokine Generation in Human Bronchial Epithelial Cells
Hiroyuki Nagase (*Department of Internal Medicine, Teikyo University School of Medicine, Tokyo, Japan*)
- P-1-248** HB-EGF Ectodomain Shedding and EGFR Activation Mediates Airway Epithelial Wound Repair
Norihiro Harada (*Department of Respiratory Medicine, Juntendo University School of Medicine, Tokyo, Japan*)

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- P-1-249** Down Regulation of Mucus Production Mediated by Interleukin-13 Receptor Ra2 in Human Bronchial Epithelial Cells
Tsuyoshi Tanabe (*Department of Internal Medicine, Shinshu University School of Medicine, Matsumoto, Nagano, Japan*)
- P-1-250** Effect of Antibody to Interleukin-13 Receptor a1 and Interleukin-4 Receptor on Th2 Cytokine-induced Goblet Cell Hyperplasia in Bronchial Epithelial Cells
Masanori Yasuo (*The First Department of Internal Medicine, Shinshu University School of Medicine, Japan*)
- P-1-251** Elimination of IL-13 Reverses Established Goblet Cell Metaplasia into Ciliated Epithelia in Airway Epithelial Cell Culture
Mitsuko Kondo (*The First Department of Medicine, Tokyo Women's Medical University School of Medicine, Tokyo, Japan*)
- P-1-252** Activation of Ciliary Beating in Bronchiolar Ciliary Cells by Terbutaline: Dissociation of Increases in Amplitude and Frequency
Nobuyo Komatani (*Department of Respiratory Molecular Medicine, Graduate School of Medical Science, Kyoto Prefectural University of Medicine, Japan*)
- P-1-253** Role of IL-17F in Chronic Inflammatory and Allergic Lung Diseases
Daisuke Takahashi (*First Department of Medicine, School of Medicine, Hokkaido University, Sapporo, Japan*)
- P-1-254** Physiological and Immunological Tolerance to Inhaled Allergen
Jennifer T. Burchell (*Telethon Institute for Child Health Research, Australia*)

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■ Poster Presentation 29

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Inflammatory Cells

**The Speakers should be at their posters during the viewing period: 11:00-11:30.*

**The Speakers will be required to display and present their paper during the presentation time: 11:30-12:30.*

**The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".*

Chairs: Etsuro Yamaguchi (*Division of Respiratory Medicine and Allergology, School of Medicine, Aichi Medical University, Japan*)

Lisa Wood (*Respiratory and Sleep Medicine, Hunter Medical Research Institute, Australia*)

- P-1-255** *Sauropus Androgynus* (SA) Induces Enhanced Production of Tumor Necrosis Factor- α (TNF- α) from Monocytic Lineage Cells
Izumi Hashimoto (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan*)
- P-1-256** Tyrosine Phosphorylations of Signaling Molecules in Glucocorticosteroid-pretreated Mast Cells are Different from Phosphorylations in Non-treated Mast Cells
Teruaki Kimura (*The First Department of Internal Medicine, Showa University, Tokyo, Japan*)

- P-1-257** Regulation of Interleukin-5 Expression by Thrombin
Esteban C Gabazza (*Department of Pulmonary and Critical Care Medicine, Mie University Graduate School of Medicine, Japan*)
- P-1-258** Transduction of PTEN into Eosinophils Attenuates Survival and Chemotaxis
Tetsuya Adachi (*Department of Internal Medicine, Teikyo University School of Medicine, Tokyo, Japan*)
- P-1-259** Role of Endogenous Platelet-activating Factor in β 2-integrin-dependent Adhesion of Human Neutrophils Following Stimulation with Interleukin-8
Hiroyuki Sano (*Department of Respiratory Medicine Allergology, Kinki University School of Medicine, Osaka, Japan*)
- P-1-260** Regulation of Eosinophil Function by Phosphatidylinositol Specific Phospholipase C and Cytosolic Phospholipase A₂
Akiko Sano (*Department of Respiratory Medicine and Allergology, Kinki University School of Medicine, Osaka, Japan*)
- P-1-261** Eosinophils Do Not Modify Trans-basement Membrane Migration of Neutrophils
Takehito Kobayashi (*Department of Respiratory Medicine, Saitama Medical School, Japan*)
- P-1-262** M-CSF Expression is Compensatory Regulated by GM-CSF, via Transcription Factor PU.1, in Alveolar Macrophages
Shuichi Abe (*Department of Cardiology, Pulmonology, and Nephrology, Course of Internal Medicine and Therapeutics, Yamagata University School of Medicine, Yamagata, Japan*)
- P-1-263** Enhanced Expression of MafB Inhibits Macrophage Apoptosis Induced by Cigarette Smoke Exposure
Tomomi Ishikawa (*Department of Cardiology, Pulmonology, and Nephrology, Course of Internal Medicine and Therapeutics, Yamagata University School of Medicine, Yamagata, Japan*)
- P-1-264** Involvement of Fractalkine/CX3CL1 Expression by Dendritic Cells in Host Immunity against *Legionella Pneumophila*
Toshiaki Kikuchi (*Department of Respiratory Oncology and Molecular Medicine, Institute of Development, Aging and Cancer, Tohoku University, Sendai, Japan*)



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■ Poster Presentation 30

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Lung Cancer and Others

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kazuhiko Nakagawa (*Department of Medical Oncology, Kinki University School of Medicine, Japan*)

Kwen-Tay Luh (*College of Medicine, National Taiwan University, Taiwan*)

- P-1-265** The Effect of Prostaglandin(PG) E2 and Its Receptor Antagonists on Urokinase-type Plasminogen Activator (uPA) Production by Human Lung Fibroblasts
Tomotada Odaka (*Fifth Department of Internal Medicine, Tokyo Medical University Kasumigaura Hospital, Japan*)
- P-1-266** Differential Regulation of Cellular Immortalization between Normal and Transformed Cells in Lung
Keiko Hiayama (*Department of Translational Cancer Research, Research Institute for Radiation Biology and Medicine, Hiroshima University, Japan*)
- P-1-267** Roles of PIAS3 on Cell Growth and Chemosensitivity in Human Lung Cancer Cells
Yoshitaka Ogata (*The Department of Respiratory Medicine, Allergy and Rheumatic Diseases, Osaka University Graduate School of Medicine, Japan*)
- P-1-268** HUVEC-lung Cancer Cells Interaction Induces Changes of Biologic Characteristics and Gene Expression Profile of HUVEC in Non-small Cell Lung Cancer
Ang Yuan (*Department of Chest Medicine, National Taiwan University Hospital, Taipei, Taiwan*)
- P-1-269** Different Matrix Metalloproteinases Activities and Metastatic Potential in Murine Lewis Lung Cancer Lines
Yasuyuki Takagi (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan*)
- P-1-270** Sulindac Sulfide and Caffeic Acid Phenetyl Ester Suppress the Motility of Lung Adenocarcinoma Cells Promoted by TGF-beta through Akt Inhibition
Yasushi Shigeoka (*Division of Medical Oncology and Molecular Respirology, Faculty of Medicine, Tottori University, Tottori, Japan*)
- P-1-271** Alterations in Novel Candidate Tumor Suppressor Genes, ING1 and ING2 in Human Lung Cancer
Tetsuya Okano (*Department of Pulmonary Medicine/Infection and Oncology, Nippon Medical School, Tokyo, Japan*)

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■ Poster Presentation 31

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Animal Models of Lung Injury

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Kazuyoshi Kuwano (*Research Institute for Diseases of the Chest, Kyushu University, Japan*)

Paul N. Reynolds (*Department of Thoracic Medicine, Royal Adelaide Hospital Chest Clinic, Australia*)

- P-1-272** Inhibitory Activity of the Anticoagulant Protein S in Acute Lung Injury
Takehiro Takagi (*Division of Pulmonary and Critical Care Medicine, Mie University School of Medicine, Mie, Tsu city, Japan*)

- P-1-273** Lung Changes Caused by Genetic Disorder of *Rab 38* in LEC/Crj Rat
Rieko Hatta (*Pulmonology, Kanazawa Medical University, Ishikawa, Japan*)
- P-1-274** Rab38 Mutant Mice (*Chocolate*) Develop Abnormal Kinetics of Lung Surfactant and Pulmonary Emphysema
Kazuhiro Osanai (*Department of Respiratory Medicine, Kanazawa Medical University, Ishikawa, Japan*)
- P-1-275** Attenuation of Bleomycin-induced Pneumopathy in Mice by a Proteasome Inhibitor, MG132
Jutaro Fukumoto (*Research Institute for Disease of the Chest, Graduate School of Medical Sciences, Kyushu University, Japan*)
- P-1-276** The Role of Notch Signaling in the Pathogenesis of Pulmonary Fibrosis
Kana Aoyagi (*The Department of Respiratory Medicine, Gunma University School of Medicine, Gunma, Japan*)
- P-1-277** Epithelial-mesenchymal Transition Does Not Play Important Roles in Bleomycin-induced Pulmonary Fibrosis
Mizuho Yamada (*Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*)
- P-1-278** Bleomycin-induced Lung Fibrosis in NF- κ B p50 Knockout Mice
Aiko Yamaguchi (*Division of Pulmonary and Critical Care Medicine, Mie University School of Medicine, Mie, Tsu city, Japan*)
- P-1-279** Role of T Cells in the Pathological Pattern of Bleomycin-induced Lung Fibrosis
Hajime Fujimoto (*Department of Pulmonary and Critical Care Medicine, Mie University Graduate School of Medicine, Japan*)
- P-1-280** Effect of Amphiregulin on Bleomycin-induced Pneumopathy in Mice
Takashige Maeyama (*Research Institute for Diseases of the Chest, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan*)
- P-1-281** Sphingosine Kinase 1 Regulates Differentiation of Lung Fibroblasts Mediated by Transforming Growth Factor- β 1
Yuko Kono (*Division of Cardiovascular and Respiratory Medicine, Kobe University Graduate School of Medicine, Kobe, Japan*)



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■ Poster Presentation 32

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Lung Functions & Others

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: Masayuki Kambe (*Hiroshima City Funairi Hospital, Japan*)

Rongchang Chen (*Guangzhou Institute of Respiratory Disease, First Affiliated Hospital of Guangzhou Medical College, China*)

- P-1-282** An Evaluation of the Agreement of Mini-wright Peak Flow Meter in Patients with Asthma and Chronic Obstructive Pulmonary Disease
Won Il Choi (*Department of Medicine, Keimyung University, Daegu, Korea*)
- P-1-283** Cigarette Smoking Decreases Dynamic Inspiratory Capacity during Maximal Exercise in Type 2 Diabetes
Yoshihiro Kitahara (*The Department of Molecular and Internal Medicine, Division of Clinical Medical Science, Graduate School of Biochemical Sciences, Hiroshima University, Hiroshima, Japan*)
- P-1-284** Mechanical Properties of Airway Smooth Muscle Tissue: Roles of Mechanical Force and the Cytoskeleton
Satoru Ito (*Department of Respiratory Medicine, Nagoya University Graduate School of Medicine, Nagoya, Japan*)
- P-1-285** Influence of Upper Airway Configuration on Impulse Oscillometry Measurement
Jyongsu Huang (*Department of Respirology, Kanazawa Medical University, Ishikawa, Japan*)
- P-1-286** Respiratory Function but not Magnitude of Bronchodilator Response is Affected by Symptoms in Young Children with Cystic Fibrosis
Catherine L Gangell (*School of Paediatrics and Child Health, University of Western Australia, Perth, Australia*)
- P-1-287** Factors Affecting the Difference between Arterial and Venous Blood Gas Values
Akira Umeda (*Department of Respiratory Medicine, Ohtawara Red Cross Hospital, Tochigi, Japan*)
- P-1-288** The Ventilatory Response to Hypoxia in Unanesthetized Wild-type and Histamine Type-1 Receptors Knockout Mice in the Light and Dark Periods
Yasuyoshi Ohshima (*2nd Department of Physiology, Showa University School of Medicine, Tokyo, Japan*)
- P-1-289** Reliability of Analysis of Exhaled Breath Condensate: Influence of Saliva Contamination
Tomohiro Ichikawa (*The Third Department of Internal Medicine, Wakayama Medical University, Wakayama, Japan*)
- P-1-290** Auscultation of the Chest may be Easier when Patients are Wearing under Shirts Than on the Bare Chest
Shohei Yasuda (*Department of Pulmonary Medicine, Kinki University Sakai Hospital, Japan*)

■ Poster Presentation 33

■ Viewing Time 11:00-11:30 Presentation Time 11:30-12:30

Imaging & Functions

*The Speakers should be at their posters during the viewing period: **11:00-11:30**.

*The Speakers will be required to display and present their paper during the presentation time: **11:30-12:30**.

*The Chairs will be required to select one presenter as the winner of the "The Best Poster Award".

Chairs: **Toyohiro Hirai** (*Department of Respiratory Medicine, Graduate School of Medicine, Kyoto University, Japan*)

Younging Liu (*Department of Respiratory Disease, Chinese PLA General Hospital, China*)

- P-1-291** 3D-Spirogram: A Combinatory System of Image Analysis and Computational Mechanics for Assessing Pulmonary Function
Hiroko Kitaoka (*Department of Respiratory Diseases, Graduate School of Medicine, Osaka University, Japan*)
- P-1-292** A Four Dimensional Model of the Alveolar Structure
Hiroko Kitaoka (*Department of Respiratory Diseases, Graduate School of Medicine, Osaka University, Japan*)
- P-1-293** Chest Wall Volume Changes after Thixotropy Conditioning of Inspiratory Muscles in Healthy Humans
Masahiko Izumizaki (*Department of Physiology, Showa University School of Medicine, Tokyo, Japan*)
- P-1-294** Intrabreath Spirometry during Maximal Cardiopulmonary Exercise Tests in a Cohort of Male Subjects without Respiratory Disease
Karen M Latimer (*Respiratory Medicine, Flinders Medical Centre, Bedford Park, Australia*)
- P-1-295** Cholinesterase Inhibitors Augment Central Chemoreceptor Function
Yasumasa Okada (*Department of Internal Medicine, Keio University Tsukigase Rehabilitation Center, Shizuoka, Japan*)
- P-1-296** Evaluation of Respiratory Impedance by Impulse Oscillometry in COPD, Asthma, and Obstructive Sleep Apnea Syndrome
Keisaku Fujimoto (*The First Department of Internal Medicine, Shinshu University School of Medicine, Matsumoto, Japan*)
- P-1-297** Reproducibility of Cardiopulmonary Function under Hypobaric Hypoxia in Japanese Himalayan Climbers with the Experience of Climbing Mountains over 4000m
Gen Sasao (*Department of Medicine, Tokai University Tokyo Hospital, Tokyo, Japan*)
- P-1-298** Estimation of Intraluminal Pressure in Peripheral Airways during Pursed-lip Breathing
Yuko Sano (*Department of Rehabilitation Medicine, Sanno Hospital, Tokyo, Japan*)



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P-1-299 Estimating Oxygen Consumption of Respiratory Muscle using Newly Developed Dead Space Loading System
Kayomi Matsumoto (*Department of Internal Medicine and Rehabilitation Science, Tohoku University Graduate School of Medicine, Sendai, Japan*)



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