

Thematic Review Series

351 **Future Pharmacological Treatment of Cystic Fibrosis**

Zeitlin, P.L. (Baltimore, Md.)

Editorials

358 **Negative Pressure Ventilation in Chronic Obstructive Pulmonary Disease: Another Brick in the Wall**

Polkey, M.I. (London)

360 **Beyond Systemic Hypertension: Understanding Cardiac Dysfunction in Obstructive Sleep Apnea**

Hudgel, D.W. (Cleveland, Ohio)

Clinical Investigations

362 **Feedback-Controlled Negative Pressure Ventilation in Patients with Stable Severe Hypercapnic Chronic Obstructive Pulmonary Disease**

Kössler, W.; Lahrmann, H.; Brath, H.; Wei, T.; Frank, W.; Wild, M.; Zwick, H.; Wanke, Th. (Vienna)

367 **Left Ventricular Function in Patients with Obstructive Sleep Apnoea Syndrome before and after Treatment with Nasal Continuous Positive Airway Pressure**

Alchanatis, M.; Paradellis, G.; Pini, H.; Tourkhoriti, G.; Jordanoglou, J. (Athens)

372 **Airflow Limitation in Japanese Smokers: Significance of Serum Neutrophil Elastase/ α_1 -Proteinase Inhibitor Ratio and FEV₁ (%pred) Adjusted by Pack-Years**

Hoshino, Y.; Nagai, S.; Koyama, H.; Okuda, K.; Nishimura, K.; Miki, H.; Hamada, K.; Izumi, T. (Kyoto)

378 **Effect of Thoracic Sympathectomy on Arm and Leg Exercise Capacity and on Lung Function**

Ben-Dov, I.; Chorney, N.; Gaides, M. (Tel Hashomer/Tel Aviv); Shachor, D. (Nathania)

383 **Rebreathing K_{CO} and Single Breath K_{CO} Measured at the Same Mean Alveolar Volume Reveal a Physiological Relationship between Unequal Diffusion and Unequal Ventilation in Normal Subjects**

Jansons, H.; Fokkens, J.K.; van der Tweel, I.; Kreukniet, J. (Utrecht)

389 **Significance of the Interleukin-1 Receptor Antagonist/Interleukin-1 β Ratio as a Prognostic Factor in Patients with Pulmonary Sarcoidosis**

Mikuniya, T.; Nagai, S.; Takeuchi, M.; Mio, T.; Hoshino, Y.; Miki, H.; Shigematsu, M.; Hamada, K.; Izumi, T. (Kyoto)

397 **Circulating Cytokeratin 8: Anti-Cytokeratin 8 Antibody Immune Complexes in Sera of Patients with Pulmonary Fibrosis**

Dobashi, N.; Fujita, J. (Kita-gun); Ohtsuki, Y. (Kochi); Yamadori, I. (Okayama); Yoshinouchi, T. (Gamagori); Kamei, T. (Takamatsu); Tokuda, M.; Hojo, S.; Bandou, S.; Ueda, Y.; Takahara, J. (Kita-gun)

402 **Clinical Features Associated with a Delayed Diagnosis of Cystic Fibrosis**

McCloskey, M.; Redmond, A.O.B.; Hill, A.; Elborn, J.S. (Belfast)

408 **Spontaneous Pneumomediastinum in 33 Patients: Yield of Chest Computed Tomography for the Diagnosis of the Mild Type**

Kaneki, T.; Kubo, K.; Kawashima, A.; Koizumi, T.; Sekiguchi, M.; Sone, S. (Matsumoto)

412 **Prognosis of Bronchial Artery Embolization in the Management of Hemoptysis**

Osaki, S.-i.; Nakanishi, Y.; Wataya, H.; Takayama, K.; Inoue, K.; Takaki, Y.; Murayama, S.; Hara, N. (Fukuoka)

417 **Placebo-Controlled Study of Inhaled Budesonide on Indices of Airway Inflammation in Bronchoalveolar Lavage Fluid and Bronchial Biopsies in Cross-Country Skiers**

Sue-Chu, M. (Trondheim); Karjalainen, E.-M.; Laitinen, A. (Helsinki); Larsson, L. (Östersund); Laitinen, L.A. (Helsinki); Bjermer, L. (Trondheim)

426 **Diagnostic Accuracy of Pleural Fluid Polymorphonuclear Elastase in the Differentiation between Pyogenic Bacterial Infectious and Non-Infectious Pleural Effusions**

Alegre, J.; Suriñach, J.M.; Varela, E.; Armadans, L.; Marti, R.; Segura, R.; Aleman, C.; Falcó, V.; Fernandez de Sevilla, T. (Barcelona)

433 **Pleural SC5b-9: A Test for Identifying Complicated Parapneumonic Effusions**

Vives, M.; Porcel, J.M.; Gázquez, I.; Pérez, B.; Rubio, M. (Lleida)

Basic Science Investigations

439 **Effect of the Airway Epithelium on the Contraction of Rat Isolated Trachea under Conditions of Low Temperature**

González, O.; Santacana, G.E. (San Juan, P.R.)

The Eye Catcher

444 **Pleural Kaposi's Sarcoma: A Potentially Overlooked Manifestation**

Brutsche, M.H.; Diacon, A.; Droll, A.; Dalquen, P.; Solèr, M. (Basel)

Case Reports

445 **Diffuse Pleolar Hemorrhage following Thrombolytic Therapy for Acute Myocardial Infarction**

Yigla, M.; Sprecher, E.; Azzam, Z.; Guralnik, L.; Kapeliovich, M.; Krivoy, N. (Haifa)

449 **Absence of Central Microtubules and Transposition in the Ciliary Apparatus of Three Siblings**

Bautista-Harris, G.; Julià-Serdà, G.; Rodríguez de Castro, F.; Santana-Benitez, I.; Cabrera-Navarro, P. (Las Palmas de Gran Canaria)

453 **Systemic to Pulmonary Fistulas in Hodgkin's Disease**

Sabadell, C.; Ruiz-Manzano, J.; Muchart, J.; Pereandreu, J.; Batlle, M.; Morera, J. (Barcelona)

456 **Deciduoid Pleural Mesothelioma Affecting a Young Female without Prior Asbestos Exposure**

Gloeckner-Hofmann, K.; Zhu, X.-Z.; Bartels, H.; Feller, A.C.; Merz, H. (Lübeck)

459 **Pulmonary Migratory Infiltrates and Pachypleuritis in a Patient with Crohn's Disease**

Faller, M.; Gasser, B.; Massard, G.; Pauli, G.; Quoix, E. (Strasbourg)

464 **Nasal Continuous Positive Airway Pressure and Weight Loss Improve Swallowing Reflex in Patients with Obstructive Sleep Apnea Syndrome**

Okada, S.; Ouchi, Y.; Teramoto, S. (Tokyo)

467 **Organizing Pneumonia Related to Common Variable Immunodeficiency. Case Report and Literature Review**

Wislez, M.; Sibony, M.; Naccache, J.-M.; Liote, H.; Carette, M.-F.; Oksenhendler, E.; Cadranel, J. (Paris)

What Is Your Diagnosis?

471 **Recurrent Pleural Effusion and a Mediastinal Mass**

Herrmann, F.; Reichenberger, F.; Leupold, U.; Steinert, M.; Schauer, J. (Leipzig)

Letters to the Editor

473 **Wegener's Granulomatosis with Unilateral Renal Atrophy**

Abe, Y. (Ochiai); Nakamura, M. (Isehara); Suzuki, K.; Hashizume, T.; Takada, K. (Ochiai); Kondo, T. (Isehara); Fujino, T. (Ochiai); Ueyama, Y. (Isehara)

474 **Maximal Cardiorespiratory Capacity in Young Sedentary Male Chronic Smokers**

Gür, H.; Pündük, Z.; Akova, B.; Sürmen-Gür, E. (Bursa)

375 **Congress Calendar**

Cover illustration

Upper right: Maximal and tidal flow-volume loops from a cystic fibrosis (CF) subject with hyperinflation and expiratory flow limitation at rest.

Central: Chest radiograph from a teenager with CF and advanced lung pathology.

Lower right: Partial DNA sequence of the CF transmembrane conductance regulator (CFTR) gene, exon 4, showing two different missense mutations in the same codon and the normal sequence.

Lower left: Schematic representation of chromosome 7 with the CF gene.

Courtesy Dr. A. Lindblad, CF Centre and Ms. Eva Björk, Genetic Laboratory,

The Queen Silvia Children's Hospital, Gothenburg, Sweden, and F. Hoffmann-La Roche Ltd., Basel, Switzerland.

KARGER

Online

Access to full text and tables of contents,
including tentative ones for forthcoming issues:
www.karger.com/journals/res/res_bk.htm