

# Integrated Pulmonology

## 1. Staffs and Students (December, 2009)

Professor	Naohiko INASE	
Assistant Professor	Hiroyuki SAKASHITA	
Research Student	Jin KURAMOCHI,	Torahiko JINTA,
	Keiko MITAKA,	Koji TAKAYAMA,
	Haruhiko FURUSAWA,	Takehiko OHBA,
	Koji UNOURA,	Makito YASUI,
	Hiroshi ONO,	Kaori OKAYASU,
	Tomoya TATEISHI,	Ryutaro SHIRAHAMA,
	Satoshi TAKAYAMA,	Tsukasa OKAMOTO,
	Mayuko TAO,	Yuichiro NEI

## 2. Purpose of Education

Integrated pulmonology is a branch of internal medicine which deals with a variety of pulmonary diseases including tumors, infectious diseases, allergic diseases, non-allergic inflammatory diseases, and genetic disorders. Main objective of integrated pulmonology in the graduate course is to provide students to study specific diagnostic modalities as well as basic scientific findings regarding the pathogenesis of pulmonary diseases. Students are also taught on basic science and its related laboratory technology depending upon their research subject.

## 3. Research Subjects

- 1) Pathogenesis of hypersensitivity pneumonitis and detection of environmental causative antigen
- 2) Airway remodeling in bronchial asthma model
- 3) Acute exacerbation in pulmonary fibrosis
- 4) Proteomics of pulmonary fibrosis associated with collagen vascular disease
- 5) Pathogenesis of pulmonary fibrosis and emphysema

## 4. Clinical Services

Integrated pulmonology clinic provides a full spectrum of diagnosis and treatment of a variety of pulmonary diseases. Consultant system is open to all departments in this hospital and daily clinical conference regarding inpatients is organized by professors of the department. In outpatient clinic, chemotherapy, home oxygen therapy, support for ceasing smoke, management of sleep apnea, and arrange of clinical studies are provided.

## 5. Publications

### Original Article

1. Akashi T, Takemura T, Ando N, Eishi Y, Kitagawa M, Takizawa T, Koike M, Ohtani Y, Miyazaki Y, Inase N, Yoshizawa Y: Histopathological analysis of sixteen autopsy cases of chronic hypersensitivity pneumonitis and comparison with idiopathic pulmonary fibrosis/usual interstitial pneumonia. *Am J Clin Pathol* 131: 405-415, 2009.
2. Ohba K, Yamasaki T, Endo Y, Furuie M, Ohtani Y, Inase N, Yoshizawa Y: A phase I study of TS-1 plus carboplatin in patients with advanced non-small-cell lung cancer. *J Chemother* 21: 80-85, 2009
3. Okayasu K, Ohtani Y, Takemura T, Uchibori K, Tamaoka M, Furuie M, Miyazaki Y, Inase N, Yoshizawa Y: Nonspecific interstitial pneumonia (NSIP) associated with anti-KS antibody: differentiation from idiopathic NSIP. *Intern Med* 48: 1301-1306, 2009.