

Division of Clinical Research and Development

Satoshi Kurihara, *Professor*
Masato Matsushima, *Associate Professor*

Mitsuyoshi Urashima, *Associate Professor and Director*

General Summary

Even among patients with the same disease, some may be cured and some may not. This discrepancy cannot be understood through experimental medicine alone. On the other hand, clinical practice might also not provide an answer. For this reason, we combined molecular biology and epidemiology to create the Division of Molecular Epidemiology to clarify the etiology of disease and prognostic factors.

Research Activities

The Jikei clinical research course

From May 2008 through March 2009, we held 2 seminars about strategies for clinical studies for health-care practitioners at The Jikei University. In 2008, small-group study courses targeting postgraduate students were started from the principles of epidemiology and biostatistics by reading textbooks and by analyzing actual clinical data using the STATA software program and designing clinical studies. Our goal is for postgraduate students to develop the skills to construct hypotheses, design protocols, monitor trials, and analyze data.

Original studies

1. Randomized trial of vitamin D supplementation to prevent influenza A in school children
2. Activating mutations of epidermal growth factor receptor (EGFR) in squamous cell carcinoma of the head and neck and the *in vitro* response to EGFR antagonists

Publications

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