

## **Group of Optimization of Work Environment**

The Group of Optimization of Work Environment consists of four departments: Environmental Health Engineering, Environmental Oncology, Occupational Pneumology, and Ergonomics. Our research and educational goals are to optimize working environments to prevent the work-related injuries and/or diseases. The first three departments collaborate in doing research about ‘The effects of nanoparticles and organic chemicals on human health’, including ‘Hazard and/or Exposure Assessment of Engineered Nanomaterials’ and ‘Assessment of the Hazards/Risks of Inhaled Chemicals including Nanoparticles and Polymeric Materials’. We are also trying to examine infection control and infection risk assessment according to the environment. The Department of Ergonomics conducts research about work-related musculoskeletal disorders, especially in nursing care. As the number of working hours and having adequate sleep is important to optimize people’s work performance, we also conduct research about occupational sleep medicine.

### **【Staffs】**

#### **Department of Environmental Health Engineering**

Professor : HIGASHI Hidenori

Assistant Professor : OYABU Takako

#### **Department of Environmental Oncology**

Professor : FUJISAWA Koichi

Associate Professor : Li Yun-shan

Research Associate : KAWASAKI Yuya

#### **Department of Occupational Pneumology**

Professor : MORIMOTO Yasuo

Associate Professor : IZUMI Hiroto

Research Associate : TOMONAGA Taisuke

#### **Department of Ergonomics**

Professor : EBARA Takeshi

Associate Professor : FUJIHARA Hiroaki

Postgraduate Students (Doctoral Course) : MORIDERA Aiko

(As of September 1, 2022)