

## International Standardization of Manufactured Nanomaterials on Health, Safety and Environmental Issues

**Toru Takebayashi**

Department of Preventive Medicine and Public Health,  
Keio University School of Medicine

Concerns over potential health risks of manufactured nanomaterials have been raised referring to the toxicities of hazardous particles and fibrous materials. Research on health, safety and environmental aspects of manufactured nanomaterials have been conducted extensively world-wide including the OECD project, Working Party on Manufactured Nanomaterials (WPMN), to elucidate whether size-dependent toxicity should be taken into consideration for setting occupational or environmental standard to protect human health. The activity of International Organization for Standardization (ISO) on science-based health, safety, and environmental practices for manufactured nanomaterials will be presented in the session.