

Dr. Nobuhiko Ban



Nobuhiko Ban received bachelor's and master's degrees in health sciences from the University of Tokyo. Following five years of work on individual radiation monitoring at Power Reactor and Nuclear Fuel Development Corporation, he returned to the University of Tokyo as a research associate, and obtained Ph.D. in Medical Science in 1998. He joined Oita University of Nursing and Health Sciences in the same year as an assistant professor of health sciences, and was promoted to an associate professor in 2004. After working as a professor at Tokyo Healthcare University for four and a half years from 2011, he has been appointed to be a commissioner of Nuclear Regulation Authority.

Dr. Ban covers a range of topics related to radiation exposure and its effects. He conducted researches on radiation damage to mouse hematopoietic cells in the context of leukemogenesis. Efforts were made to integrate experiments and modeling to get an insight into the mechanism of radiation-induced leukemia. He is also interested in dose and risk assessment of radiation exposure in medicine. Dose-response of circulatory disease is becoming another research interest.

In addition to the research work, Dr. Ban has a long career in education and training about radiation risk and radiological protection. His commitment extends to various parties, such as university students, medical personnel, nuclear workers, local officials and police officers. He has been also involved in risk communication activities since the accident of the Fukushima-Daiichi nuclear power station.

Dr. Ban was a member of Executive Committee of Japan Health Physics Society (2011-2013). He has been a member of Japanese delegation to the United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) since 2010.