

Nobuyuki Hamada, RT, Ph.D.



Nobuyuki Hamada was born in Japan in 1976. He received a B.Sc. in radiological sciences from Ibaraki Prefectural University of Health Sciences, and became a registered radiological technologist in 1999. He earned his M.Sc. and Ph.D. in pharmaceutical sciences from Nagasaki University in 2001 and 2004, respectively. He was a visiting Ph.D. student at the UK Gray Cancer Institute for 6 months in 2003. He was a postdoctoral fellow at the National Institute of Radiological Sciences and in Tohoku University Institute of Development, Aging and Cancer, and a COE Associate Professor in Gunma University Graduate School of Medicine. He is currently Senior Research Scientist at CRIEPI, and Visiting Professor at two Japanese national universities (Hiroshima University Research Institute for Radiation Biology and Medicine, and Hokkaido University Graduate School of Health Sciences).

In ICRP, he serves on Task Groups 111, 119 and 123. He has mentored five mentees from five countries, two of whom have each published first-authored papers in peer-reviewed international journals. For Annals, he is an author of Publication 152, and was Associate Editor for Publications 126–132. He was a member of Task Group 102 and Assistant Scientific Secretary.

Besides such ICRP activities, he serves on the UNSCEAR Expert Group on Effects of Ionizing Radiation on the Nervous System, NCRP PAC 1, OECD/NEA/CRPPH/HLG–LDR/Rad-Chem AOP Topical Group, and IRPA Task Group on tissue reactions. He was a Consultant to NCRP Scientific Committee 1–23 that produced NCRP Commentary No. 26, a member of OECD/NEA/CRPPH/EGRPS that produced NEA No. 7265 report, IRPA Task Group Phase 3 “The implementation of the eye lens dose limit”, and Chair of Scientific Advisory Board for the European CONCERT LDLEnsRad.

He has been involved in various radiation effect studies since 1998, his current focus being placed on tissue reactions (e.g., those in the eye, circulatory and nervous systems). He has published >170 papers in peer-reviewed international journals, and has received >20 awards (e.g., the 2013 Michael Fry Award and the 2022 J.W. Osborne Award, both from Radiation Research Society). He serves on various journals, such as Associate Editor for *Radiation Research* and *International Journal of Radiation Biology*, and Editorial Board member for *Mutation Research/Reviews in Mutation Research*, *PLOS ONE*, *Journal of Radiation Protection and Research* (jointly published by Australian ARPS, Japanese JHPS & Korean KARP), *Radioprotection* (by French SFRP), and *Radiation Protection and Environment* (by Indian IARP).