

Curriculum Vitae

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Makoto Hosono, MD, PhD
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Makoto Hosono, MD, PhD, is a Professor of Radiology at Kindai University Faculty of Medicine, Osaka, Japan, and serves as a member of ICRP Main Commission since 2025. He is also serving as the Chair of National Radiation Council of Japan since 2025. After graduating from Kyoto University School of Medicine, Japan, he had academic contributions to the fields of nuclear medicine including nuclear oncology, and radiology as well as radiation protection by authoring more than 200 peer-reviewed articles. In Japanese Society of Nuclear Medicine (JSNM), he serves as the Chair of PET Committee since 2011 and contributes to advancement of molecular imaging. He had essential roles in clinical trials of Ra-223 chloride, Lu-177 DOTATATE, and Lu-177 PSMA-617 for approval in Japan, where he also drafted national release criteria of patients in these radiopharmaceutical therapies. In diagnostic radiology, he served as the Chief for establishment of the first ever National Diagnostic Reference Levels in 2015 (Japan DRLs 2015) in the framework of Japan Network for Research and Information on Medical Exposure (J-RIME). Since 2017, he is the Chair of J-RIME and was involved in revision of DRLs, which were published as Japan DRLs 2020 and 2025. He has contributed to numerous educational activities for PET and SPECT imaging and radiopharmaceutical therapy at national and international events including ICRP and IAEA.

Education:

1979-1985 Faculty of Medicine, Kyoto University
1989-1993 Doctoral course in medicine, Kyoto University

Professional experience:

1985-1986 Resident, Department of Radiology and Nuclear Medicine, Kyoto University
1993-1994 Research fellow of Humboldt Foundation (Bonn, Germany)
1994-1995 Research fellow of French Government (Nantes, France)
1995-2003 Lecturer, Department of Radiology, Saitama Medical School
2003-2005 Associate Professor, Department of Radiology, Kindai University
2005-present, Professor, Department of Radiology, Kindai University

Committee members:

2025-Present, Chair, National Radiation Council of Japan
2025-Present, Member, Main Commission of ICRP
2022-Present, Member, National Radiation Council of Japan
2021-Present, Board member, Japan Humboldt Association
2020-Present, Chair, Division of Medical and Pharmaceutical Sciences, Japan Radioisotope Association
2017-2025, C3 member, ICRP
2017-Present, Chair, Japan Network for Research and Information in Medical Exposure

Licensure and Certifications:

1985 License of physician in Japan
1991 Board, Japanese Society of Radiology
1993 Board, Japanese Society of Nuclear Medicine

Membership of academic societies:

Executive board member, Japanese Society of Nuclear Medicine (JSMN)
Chair of Committee of PET, JSMN
President, Annual Meeting of JSNM 2023
Executive board member, Japan Neuroendocrine Tumor Society
Councilor, Japan Radiological Society
Councilor, Japanese Society of Medical Imaging
Councilor, Japanese Society of Medical Tomography

Awards:

2025 Award to authors: ICRP Publication 161, Radiological protection in Positron Emission Tomography, ICRP
2020 Best Teacher Award (FY2019), Medical Education, Kindai University Faculty of Medicine
2020 Best Teacher Award (FY2018), Medical Education, Kindai University Faculty of Medicine
2019 Award to authors: ICRP Publication 140, Radiological protection in therapy with radiopharmaceuticals, ICRP
2009 JSNM Award, Japanese Society of Nuclear Medicine
1998 Association Award, Japanese Association for Nuclear Technology in Medicine

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