



Masanori Fukushima, MD, Ph.D.

Director and Chairman, Translational Research Center for Medical Innovation (TRI),
Foundation for Biomedical Research and Innovation at Kobe (FBRI)
Professor Emeritus, Kyoto University

Education

1973: M.D. Faculty of Medicine, Nagoya University

1979: Ph.D. Faculty of Medicine, Kyoto University

Research and Professional Experiences

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| 1973.4.23-1974.3.31 | Internship, Nagoya Red Cross Hospital |
| 1974.4.1-1976.3.30 | Post Graduate School. Faculty of Medicine, Kyoto University |
| 1976.4.1-1978.3.31 | Assistant Professor, Hamamatsu University School of Medicine |
| 1978.4.1-2000.3.31 | Deputy Director, Internal medicine, Aichi Cancer Center |
| 1980.8.27-1980.11.27 | Visiting Assistant Professor, Dept. of Pharmacology, Baylor College of Medicine, Houston, TX, USA |
| 2000.4.1-2005.3.30 | Professor, Pharmacoepidemiology, Kyoto University |
| 2001.12.1-2009.3.31 | Professor, Translational Research Center, Kyoto University |
| 2003.10.1-2009.3.31 | Director, Outpatient oncology unit, Kyoto University Hospital |
| 2009.4.1- | Director and Chairman, Translational Research Informatics Center (TRI), Foundation for Biomedical Research and Innovation (FBRI) |
| 2009.4.1- | Professor Emeritus, Kyoto University |

Research and Professional Summary

With comprehensive experience spanning over the past three decades as a medical oncologist at Aichi Cancer Center and Kyoto University Hospital, Dr. Fukushima has engaged in the practice and dissemination of standard cancer treatment and reform of Japan's medical care system, and is active to date contributing to building up the infrastructure of clinical trial focusing on translational research, in other word, academic research organization. Since 2004, he has supervised the national translational research promotion programs conducted by the government of Japan until 2017, and currently he is actively involved in promoting research and development of academia originated new therapeutics. And also he continues to make an effort to contribute to the standardization and harmonization for global data sharing in clinical trials; ultimately for the disease control over the world.

Major Research Interest & Activity

Clinical Trial Design, Clinical Trial Management, Medical Oncology, Regenerative Medicine Development, Regulatory Science, Management Science for Science.

Latest 10 papers

Fukushima M.

The value of learning health systems in disease control and aging.

Learn Health Sys. 2019;3:e10077.

Fukushima M, Austin C, Sato N, Maruyama T, Navarro E, Rocca M, Demotes J, Haendel M, Volchenboum S, Cowperthwaite M, Silverstein J, Webb C, Sim I, Chase M, Speakman J, Augustine E, Ford D, Kush R.

The Global academic research organization network: Data sharing to cure diseases and enable learning health systems.

Learn Health Sys. 2019;3:e10073.

Nakamura K, Ohga S, Yorozu A, Saito S, Kikuchi T, Dokiya T, Fukushima M, Yamanaka H.

Institutional patient accrual volume and the treatment quality of I 125 prostate seed implantation in a Japanese nationwide prospective cohort study.

Strahlenther Onkol. 2019;195(5):412-9.

Kojima S, Murotani K, Zhou B, Kothari KU, Fukushima M, Nagai Y.

Assessing long-term care risk in older individuals with possible cognitive decline: A large population-based study using the Kihon Checklist.

Geriatr Gerontol Int. 2019 Apr 29. [Epub ahead of print]

Tanaka N, Yorozu A, Kikuchi T, Higashide S, Kojima S, Ohashi T, Katayama N, Nakamura K, Saito S, Dokiya T, Fukushima M; J-POPS Study Group.

Genitourinary toxicity after permanent iodine-125 seed implantation: The nationwide Japanese prostate cancer outcome study of permanent iodine-125 seed implantation (J-POPS).

Brachytherapy. 2019 May 6. pii: S1538-4721(18)30769-4.

Zhou B, Zhao Q, Kojima S, Ding D, Higashide S, Nagai Y, Guo Q, Kagimura T, Fukushima M, Hong Z.

One-year outcome of Shanghai mild cognitive impairment cohort study.

Curr Alzheimer Res. 2019;16(2):156-165.

Ito K, Saito S, Yorozu A, Kojima S, Kikuchi T, Higashide S, Aoki M, Koga H, Satoh T, Ohashi T, Nakamura K, Katayama N, Tanaka N, Nakano M, Shigematsu N, Dokiya T, Fukushima M; J-POPS Investigators.

Nationwide Japanese Prostate Cancer Outcome Study of Permanent Iodine-125 Seed Implantation (J-POPS): first analysis on survival.

Int J Clin Oncol. 2018;23(6):1148-59.

Ohtake T, Mochida Y, Ishioka K, Oka M, Maesato K, Moriya H, Hidaka S, Higashide S, Ioji T, Fujita Y, Kawamoto A, Fukushima M, Kobayashi S.

Autologous Granulocyte Colony-Stimulating Factor-Mobilized Peripheral Blood CD34 Positive Cell Transplantation for Hemodialysis Patients with Critical Limb Ischemia: A Prospective Phase II Clinical Trial.

Stem Cells Transl Med. 2018;7(11):774-82.

Horie T, Yamazaki S, Hanada S, Kobayashi S, Tsukamoto T, Haruna T, Sakaguchi K, Sakai K, Obara H, Morishita K, Saigo K, Shintani Y, Kubo K, Hoshino J, Oda T, Kaneko E, Nishikido M, Ioji T, Kaneda H, Fukushima M, for Japan Study Group of Peripheral Vascular Regeneration Cell Therapy (JPRCT)

Outcome from a Randomized Controlled Clinical Trial: Improvement of Peripheral Arterial Disease by Granulocyte Colony-Stimulating Factor-Mobilized Autologous Peripheral-Blood Mononuclear-Cell Transplantation (IMPACT) .

Circ J. 2018;82(8):2165-74.

Toda M, Nakatani E, Omae K, Fukushima M, Chin T.

Age-specific characterization of spinal cord injuries over a 19-year period at a Japanese rehabilitation center.

PLoS One. 2018;13(3):e0195120.