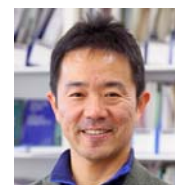


Curriculum Vitae Ken J. Ishii, M.D. /Ph.D.



DEMOGRAPHIC INFORMATION

Personal data:

Business address: 1) Department of Research Promotion, Japan Agency for Medical Research and Development (AMED) 1-7-1 Otemachi, Chiyodaku, Tokyo 100-0004 Japan
2) Center for Drug Design Research, National Institute of Biomedical Innovation, Health and Nutrition (NIBIOHN) 7-6-8 Saito-Asagi, Ibaraki, Osaka, Japan 567-0085
3) Laboratory of Vaccine Science, Immunology Frontier Research Center (IFREC), Osaka University 3-1 Yamadaoka, Suita, Osaka, Japan 565-0871

Phone: 1) +81-3-6870-2224 2) +81-72-641-8043 3) +81-6-6879-4948

E-mail: ken-ishii@amed.go.jp,
kenishii@biken.osaka-u.ac.jp, kenishii@nibiohn.go.jp

URL: <http://www.nibiohn.go.jp/adjuvant/index.html>

Education:

03/2003 Ph.D., Grad School of Medicine, Yokohama City University (YCU), Japan
04/1987-03/1993 M.D., School of Medicine, YCU, Japan

Professional experience:

10/2015-present Director, Department of Research Promotion, Japan Agency for Medical Research and Development (AMED), Japan
10/2015-present Senior Researcher, National Institute of Biomedical Innovation, Health and Nutrition (NIBIOHN), Osaka
04/2010-present Professor, Lab. of Vaccine Science, Immunology Frontier Research Center (IFREC), Osaka University
04/2015-10/2015 Director, Center for Drug Design Research, NIBIOHN, Osaka
04/2010-03/2015 Project Leader, Lab. of Adjuvant Innovation, NIBIO, Osaka, Japan
12/2007-03/2010 Associate Professor: Lab. of Host Defense, IFREC, Osaka University
12/2006-03/2010 Associate Professor, Dep. of Molecular Protozoology, Research Institute for Microbial Diseases, Osaka University, Japan
10/2003-03/2008 Group Leader, Akira Innate Immunity Project, ERATO, Japan Science and Technology Agency (JST), Japan.
10/1996-09/2003 Postdoc (-2000) Staff Scientist (2000-2003), IND primary reviewer (2000-2003), Office of Vaccine Research and Review (OVRR), Center for Biologics and Evaluation Research (CBER), Food and Drug Administration (FDA), USA.
05/1995-10/1996 Senior Resident, Dep. of Anesthesiology School of Medicine, YCU, Japan
04/1993-04/1995 Resident. School of Medicine, YCU, Japan

RESEARCH ACTIVITIES (FY2010-FY2012)

Publications: Selected publications

- 1) Kobiyama K et al. Nonagonistic Dectin-1 ligand transforms CpG into a multitask nanoparticulate TLR9 agonist. *Proc Natl Acad Sci U S A*. 2014 111(8):3086-91.
- 2) Desmet C and Ishii KJ Nucleic acid sensing at the interface between innate and adaptive immunity in vaccination *Nat Rev Immunol* 2012 12(7):479-91
- 3) Marichal T, et al DNA released from dying host cells mediates aluminum adjuvant activity. *Nat Med*. 2011 17(8):996-1002.
- 4) Koyama S et al Plasmacytoid dendritic cells delineate immunogenicity of influenza vaccine subtypes. *Sci Transl Med*. 2(25):25ra24. (2010)
- 5) Ishii, K.J. et al. TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. *Nature* 451, 725-729 (2008).

Books

- 1- Ishii KJ and Tang CK (Editor in chief) “*Biological DNA Sensor: The Impact of Nucleic Acids on Diseases and Vaccinology*” ELSEVIER, 2013

Guide lines

1. Guideline for Nonclinical Studies of Preventive Vaccines for Infectious Diseases issued by ministry of health, Japan. 2010. (co-PI of the project and author)
2. WHO Guidelines on the Nonclinical Evaluation of Vaccine Adjuvants and Adjuvanted Vaccines 2013 (under revision) (External advisor and author)

Editorial activities:

Editor; Supporting Editor for PNAS, Associate Editor for Front. Immunol., NPJ Vaccines, Human Vaccine & Immunother., Oncotarget, Advisory board for EBioMedicine

ORGANIZATIONAL ACTIVITIES (FY2010-FY2012)

Professional Societies (Organizer, Director excluding membership):

2012-present Scientific committee, International Society of Vaccine (ISV)
 2012-present Director, The Japanese Society of Vaccinology
 2012 Organizer, 34th Naito Conference
 2012-present Councilor, Japanese Society for Immunology

Other activities:

2016 Advisory Board, International Vaccine Institute, Seoul, Korea
 2015 Scientific advisory board, AMED, Japan
 2012-2014 Scientific advisory board, PMDA, MHLW, Japan
 2008-2016 Specialty Advisor, PMDA, MHLW, Japan
 2008-2010 Program Officer, MEXT Japan

RECOGNITION

Honors and Awards:

2015 Highly cited researcher in Thomson Reuters 2015
 2014 32th Osaka Science Prize
 2014 Highly cited researcher in Thomson Reuters 2014
 2012 ‘Thinking inside the box award’ DNA vaccines 2012
 2010 Isamu Tagaya Memorial Vaccine Research Award
 2008 Japanese Society of Immunology, Young Investigator Award
 2007 ‘Rising star in Immunology’ (Sep 2007) Thompson Reuter’s ISI