



Prof. Masahiro Yamamoto

Professor

Osaka University, Japan

Name	Masahiro Yamamoto
Birth Date	February 24, 1979
Sex	Male
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Degree	Ph.D
Position & Work Place	Professor

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2013-present	Professor, Department of Immunoparasitology Research Institute for Microbial Diseases, Osaka University Professor, Laboratory of Immunoparasitology, IFRc, Osaka University
2012-2013	Associate Professor (PI), Department of Immunoparasitology Research Institute for Microbial Diseases, Osaka University Associate Professor (PI), Laboratory of Immunoparasitology, IFReC, Osaka University
2010-2011	Associate Professor, Department of Immune regulation, Graduate School of Medicine, Osaka University
2006-2010	Assistant Professor, Department of Immune regulation, Graduate School of Medicine, Osaka University

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2001-2006 Graduate school of medicine, Osaka University
1997-2001 Undergraduate School of Faculty of Science, The University of Tokyo

Field of interest Parasitology, Immunology, Molecular genetics

Scientific & other activities

1. The Japanese Society for Immunology, member
2. The Japanese Society of Parasitology, councilor

Selected Publications

- 1) Sasai M, Sakaguchi N, Ma JS, Nakamura S, Kawabata T, Bando H, Lee Y, Saitoh T, Akira S, Iwasaki A, Standley DM, Yoshimori T, **Yamamoto M (Corresponding author)**. Essential role for GABARAP autophagy proteins in interferon-inducible GTPase-mediated host defense. *Nature Immunology*. (2017) 18:899-910.
- 2) Lee Y, Sasai M, Ma J, Sakaguchi N, Ohshima J, Bando H, Saitoh T, Akira S, **Yamamoto M (Corresponding author)**. p62 plays a specific role in interferon- γ -induced presentation of a Toxoplasma vacuolar antigen. *Cell Rep*. (2015) 13:223-233.
- 3) Ohshima J, Sasai M, Liu J, Yamashita K, Ma JS, Lee Y, Bando H, Howard JC, Ebisu S, Hayashi M, Takeda K, Standley DM, Frickel EM, **Yamamoto M (Corresponding author)**. RabGDI α is a negative regulator of interferon- γ -inducible GTPase-dependent cell-autonomous immunity to Toxoplasma gondii. *Proc Natl Acad Sci U S A*. (2015) 112:E4581-4590.
- 4) Ma JS, Sasai M, Ohshima J, Lee Y, Bando H, Takeda K, **Yamamoto M (Corresponding author)**. Selective and strain-specific NFAT4 activation by the Toxoplasma gondii polymorphic dense granule protein GRA6. *J Exp Med*. (2014) 211:2013-32.
- 5) Ohshima J, Lee Y, Sasai M, Saitoh T, Ma JS, Kamiyama N, Matsuura Y, Pann-Ghill S, Hayashi M, Ebisu S, Takeda K, Akira S, **Yamamoto M (Corresponding author)**. Role of the mouse and human autophagy proteins in IFN- γ -induced cell-autonomous responses against Toxoplasma gondii. *J Immunol*. (2014) 192: 3328-3335.
- 6) **Yamamoto M**, Okuyama M, Ma JS, Kimura T, Kamiyama N, Saiga H, Ohshima J, Sasai M, Kayama H, Okamoto T, Huang DS, Soldati-Favre D, Horie K, Takeda J, Takeda K. A cluster of interferon- γ -inducible p65 GTPases plays a critical role in host defense against Toxoplasma gondii. *Immunity* (2012) 37:302-313.
- 7) **Yamamoto M**, Ma JS, Mueller C, Kamiyama N, Saiga H, Kubo E, Kimura T, Okamoto T, Okuyama M, Kayama H, Nagamune K, Takashima S, Matsuura Y, Soldati-Favre D, Takeda K. ATF6 β is a host cellular target of the Toxoplasma gondii virulence factor ROP18. *J Exp Med*. (2011) 208:1533-1546.
- 8) **Yamamoto M**, Standley DM, Takashima S, Saiga H, Okuyama M, Kayama H, Kubo E, Ito H, Takaura M,

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19-24 August 2018, Daegu, Korea

Matsuda T, Soldati-Favre D, Takeda K. A single polymorphic amino acid on *Toxoplasma gondii* kinase ROP16 determines the direct and strain-specific activation of Stat3. *J Exp Med.* (2009) 206: 2747-2760.

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