

Sriwilaijaroen N, Fukumoto S, Kumagai K, Hiramatsu H, Odagiri T, Tashiro M, Suzuki Y.	Antiviral effects of Psidium guajava Linn. (guava) tea on the growth of clinical isolated H1N1 viruses: Its role in viral hemagglutination and neuraminidase inhibition.	Antiviral Res..	94(2)	139-46	2012
Sriwilaijaroen N, Fukumoto S, Kumagai K, Hiramatsu H, Odagiri T, Tashiro M, Suzuki Y.	Antiviral effects of Psidium guajava Linn. (guava) tea on the growth of clinical isolated H1N1 viruses: Its role in viral hemagglutination and neuraminidase inhibition.	Antiviral Res.	94(2)	139-46	2012
Yanagita H, Yamamoto N, Fuji H, Liu X, Ogata M, Yokota M, Takaku H, Hasegawa H, Odagiri T, Tashiro M, Hoshino T.	Mechanism of drug resistance of hemagglutinin of influenza virus and potent scaffolds inhibiting its function.	ACS Chem Biol.	16;7(3)	552-62	2012
Ainai A, Tamura S, Suzuki T, Ito R, Asanuma H, Tanimoto T, Gomi Y, Manabe S, Ishikawa T, Okuno Y, Odagiri T, Tashiro M, Sata T, Kurata T, Hasegawa H.	Characterization of neutralizing antibodies in adults after intranasal vaccination with an inactivated influenza vaccine.	J Med Virol.	84(2)	336-44	2012
Asanuma, H., Zamri, N. B., Sekine, S., Fukuyama, Y., Tokuhara, D., Gilbert, R. S., Fukuiwa, T., Sata, T., Tashiro, M., Fujihashi, K.	A novel combined adjuvant for nasal delivery elicits mucosal immunity to influenza in aging.	Vaccine	30	803-812	2012.
Ohnishi, K., Takahashi, Y., Kono, N., Nakajima, N., Mizukoshi, F., Misawa, S., Yamamoto, T., Mitsuki, Y. Fu, S., Hirayama, N., Ohshima, M., Ato, M., Kageyama, T., Odagiri, T., Tashiro, M., Kobayashi, K., Itamura, S., Tsunetsugu-Yokota,	Immunological detection of H5N1 influenza viruses by newly established monoclonal antibodies Jpn.	J. Infect. Dis.	65	19-27	2012

<p>Members of the Western Pacific Region Global Influenza Surveillance and Response System  Cook, A. R., Barr, I., Hurt, E., Kelso, A., Reading, R., Ly, S., Seng, H., Buchy, p., Ung, S. A., Shu, Y., Xu, C., Xu, Z., Wang, D., Kama, M., Singh, P., Fujisaki, F., Odagiri, T., Tashiro, M., Archkhawongs, S., Khamphaphongphanh, B., Vongphrachanh, P., Kheong, C. C., Ismail, N., Burmaa, A., Darmaa B., Nymadawa, P., Grangeon, J.-P., Gourinat, A.-C., Huang, Q. S., Lopez, L. D., Juan M Lopez, J. M., Olveda, R. M., Roque, V., Jennings, L., Kang C., Lin, C., Lin, R., and Tee, W. S. N., Balish, A., Corwin, A., Kapella, B. K., Kitsutani, P., McFarland, J., Moen, A., Xu, X., Hoang, V.M.P., Long, N. L., Mai, L. Q., Hang , L. K. N., Nguyen, H. A., Nguyen, T. L., Nguyen, T. N., Asgari, N., Dawainavesi, A., Denehy, E. J., Dominguez, M. N., Jamsran, M., Kasai, T., Kool, J., Lewis, H., Luo, D., Olowokure, B., Partridge, J., Pavlin, B., Samaan, G., Singh, H., Tsuyuoka, R., Vakacegu A.,</p>	<p>Epidemiological and virological characteristics of influenza in the Western Pacific Region of the World Health Organisation, 2006-2010.</p>	<p>PLoS One.</p>	<p>7(5)</p>	<p>e37568</p>	<p>2012</p>
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Li, C., Hatta,H., Burke,D.F.,Ozawa, M., Taft,A.S., Das, S. C., Hanson,A.P., Song, J., Imai, M., Wilker,P.R., Ping,J., Watanabe, T., Watanabe, S., Ito, M., Iwatsuki-Horimoto, K.,Russell, C. A., James, S. L., Skepner,E.,Maher ,E.A., Neumann,G., Klimov, A. I., Kelso, A., McCauley, J., Wang, D., Shu, Y., Tashiro, M.,Cox, N. C.,Smith,D. J., Kawaoka Y.	Prediction of antigenic drift of pandemic (H1N1) 2009 influenza viruses	Nature (submitted)			2012
Shindo, N., Brown, C., Ciancio, B., Cox, N., Daniel., R., Fasce, R., Fukuda, K., Hay, A., Hayden, F., Hungnes, O., Kelso, A., Klimov, A., Kramarz, P., Lina, B., Meijer, A., Nicoll, A., Phin, N., Opp, M., Schmaltz, C., Schweiger, B., Tashiro, M., Van der Sande, M., Van der Velden, K., Weber, T., Zambon, M., Public health implications of oseltamivir resistance:	Emergence in pre-pandemic influenza A(H1N1) viruses during the 2007-2009 seasons.	Influenza and other respiratory viruses (in press)			2012
Noda T, Sugita Y, Aoyama K, Hirase A, Kawakami E, Miyazawa A, Sagara H, Kawaoka Y.	Three-dimensional analysis of ribonucleoprotein complexes in influenza A virus.	Nat Commun	3	639	2012
Victor ST, Watanabe S, Katsura H, Ozawa M, Kawaoka Y.	A replication-incompetent PB2-knockout influenza A virus vaccine vector.	J Virol	86	4123-4128	2012

Watanabe T, Imai M, Watanabe S, Shinya K, Hatta M, Li C, Neumann G, Ozawa M, Hanson A, Zhong G, Fukuyama S, Kawakami E, Simmons HA, Schenkman D, Brunner K, Capuano SV 3rd, Weinfurter JT, Kilander A, Dudman SG, Suresh M, Hungnes O, Friedrich TC, Kawaoka Y.	Characterization in vitro and in vivo of pandemic (H1N1) 2009 viruses isolated from patients.	J Virol	86	9361-9368	2012
Inagaki A, Goto H, Kakugawa S, Ozawa M, Kawaoka Y.	Competitive incorporation of homologous gene segments of influenza A virus into virions.	J Virol	86	10200-10202	2012
Katsura H, Iwatsuki-Horimoto K, Fukuyama S, Watanabe S, Sakabe S, Hatta Y, Murakami S, Shimojima M, Horimoto T, Kawaoka Y..	A replication-incompetent virus possessing an uncleavable hemagglutinin as an influenza vaccine	Vaccine	30	6027-6033	2012
Nakajima N, Van Tin N, Sato Y, Thach HN, Katano H, Diep PH, Kumasaka T, Thuy NT, Hasegawa H, San LT, Kawachi S, Liem NT, Suzuki K, Sata T.	Pathological study of archival lung tissues from five fatal cases of avian H5N1 influenza in Vietnam.	Mod Pathol. doi: 10.1038/modpathol.2012.193. [Epub ahead of print]	193		2012
Sasaki I, Hoshino K, Sugiyama T, Yamazaki C, Yano T, Iizuka A, Hemmi H, Tanaka T, Saito M, Sugiyama M, Fukuda Y, Ohta T, Sato K, Aina A, Suzuki T, Hasegawa H, Toyama-Sorimachi N, Kohara H, Nagasawa T, Kaisho T.	Spi-B is critical for plasmacytoid dendritic cell function and development.	Blood. [Epub ahead of print]			2012
van Riet E, Aina A, Suzuki T, Hasegawa H.	Mucosal IgA responses in influenza virus infections; thoughts for vaccine design.	Vaccine	30(40)	5893-900	2012

Yanagita H, Yamamoto N, Fuji H, Liu X, Ogata M, Yokota M, Takaku H, Hasegawa H, Odagiri T, Tashiro M, Hoshino T.	Mechanism of Drug Resistance of Hemagglutinin of Influenza Virus and Potent Scaffolds Inhibiting Its Function.	ACS Chem Biol. 2012 Jan 13.			2012
Ainai A, Tamura S, Suzuki T, Ito R, Asanuma H, Tanimoto T, Gomi Y, Manabe S, Ishikawa T, Okuno Y, Odagiri T, Tashiro M, Sata T, Kurata T, Hasegawa H.	Characterization of neutralizing antibodies in adults after intranasal vaccination with an inactivated influenza vaccine.	J Med Virol.	84(2).	336-44	2012
Kishida N, Fujisaki S, Yokoyama M, Saito H, Saito R, Ikegami M, Xu H, Takashita E, Tashiro M, Takao S, Yano T, Suga T, Kawaka mi C, Yamamoto M, Kajiyama K, Saito H, Shimada S, Watanabe S, Aoki S, Taira K, Kon M, Lin JH, Odagiri T	Evaluation of influenza vi rus A/H3N2 and B vacci nes on the basis of cross-r eactivity of postvaccinatio n human serum antibodies against influenza viruses A/H3N2 and B isolated in MDCK cells and embryo nated hen eggs.	Clin Vaccine Im munol.	19(6):	897-908	2012
Seiichiro Fujisaki, E mi Takashita, Masaru Yokoyama, Tae Tani aniwaki, Hong Xu, Noriko Kishida, Hiro onori Sato, Masato Tashiro, Masaki Ima i, Takato Odagiri.	A single E105K mutation far from the active site of influenza B virus neur aminidase contributes to re duced susceptibility to mu ltiple neuraminidase-inhibit or drugs	Biochem. Biophys. Res. Commun.	429:	51-56	2012
Klimov AI, Garten R, Russell C, Barron IG, Besselaar TG, Daniels R, Engelhardt OG, Grohmann G, Itamura S, Kelsoe A, McCauley J, Odagiri T, Smith D, Tashiro M, Xu X, Webby R, Wang D, Ye Z, Yuelong S, Zhang W, Cox N; Writing Committee of the World Health Organization Consultation on Southern Hemisphere Influenza Vaccine Compo sition for 2012.	WHO recommendations fo r the viruses to be used i n the 2012 Southern Hem isphere Influenza Vaccine: Epidemiology, antigenic and genetic characteristics of influenza A(H1N1)pd m09, A(H3N2) and B infl uenza viruses collected fro m February to September 2011	Vaccine.	30(45):	6461-71	2012

Yanagita H, Yamamoto N, Fuji H, Liu X, Ogata M, Yokota M, Takaku H, Hasegawa H, Odagiri T, Tashiro M, Hoshino T.	Mechanism of drug resistance of hemagglutinin of influenza virus and potential scaffolds inhibiting its function.	ACS Chem Biol.	16;7(3):	552-62	2012
Ainai A, Tamura S, Suzuki T, Ito R, Asanuma H, Tanimoto T, Gomi Y, Manabe S, Ishikawa T, Okuno Y, Odagiri T, Tashiro M, Sata T, Kurata T, Hasegawa H.	Characterization of neutralizing antibodies in adults after intranasal vaccination with an inactivated influenza vaccine.	J Med Virol.	84(2):	336-44	2012
Tohma K, et al.	Monitoring of Influenza Viruses in the Aftermath of the Great East Japan Earthquake.	Jpn. J. Infect. Dis.	65	542-544	2012
Tsuda S, Watanabe S, Masangkay JS, Mizutani T, Alviola P, Ueda N, Iha K, Taniguchi S, Fujii H, Kato K, Horimoto T, Kyuwa S, Yoshikawa Y, Akashi H	Genomic and serological detection of bat coronavirus from bats in the Philippines.	Arch Virol	157(17)	2349-2355	2012
Murakami S, Horimoto T, Ito M, Takanono R, Katsura K, Shimojima M, Kawakawa Y	Enhanced growth of influenza vaccine seed viruses in Vero cells mediated by broadening the optimal pH range for virus membrane fusion.	J Virol	86(3)	1405-1410	2012
Yuko Uchida, Yasushi Suzuki, Masayuki Shirakura, Akira Kawaguchi, Eri Nobusawa, Taichiro Tanikawa, Hirokazu Hikono, Nobuhiro Takemae, Masaji Mase, Katsushi Kanehira, Tsuyoshi Hayashi,	Genetics and infectivity of H5N1 highly pathogenic avian influenza viruses isolated from chickens and wild birds in Japan during 2010–11	Virus Research	170	109-117	2012
Matsuu A, Uchida Y, Takemae N, Matsumoto T, Yoneyama SK, Kasai T, Nakamura R, Eto M, Saito T.	Genetic characterization of swine influenza viruses isolated in Japan between 2009 and 2012	Microbiol Immun	56	792-803	2012

Sriwilajaroen, N., Kondo, S., Yagi, H., Hiramatsu, H., Nakakita, S-I., Yamada, K., Ito, H., Hirabayashi, J., Nari matsu, H., Kato K., and Suzuki, Y.	Bovine milk whey for preparation of natural <i>N</i> -glycans: structural and quantitative analysis.	<i>Open Glycoscience</i>	5	41-50	2012
Yagi, H., Takahashi, N., Suzuki, T., Watanabe, S., Tanigawa, A., Suzuki, Y., Kato, K.	Comparative analyses of glycosylation profiles of influenza A viruses grown in different host cells.	<i>Open Glycoscience</i>	5	2-12	2012
Suzuki, K., Koyama, T., Yingsakmongkol, S., Suzuki, Y., Hatano, K., Matsuo, K.	Synthesis and biological evaluation of sialic acid derivatives containing a long hydrophobic chain at the anomeric position and their C-5 linked polymers as potent influenza virus inhibitors.	Bioorganic & Medicinal Chemistry,	20	446-454	2012
Yoshida A, Kiyota N, Kobayashi M, Nishimura K, Tsutsui R, Tsukagoshi H, Hirano E, Yamamoto N, Ryo A, Saitoh M, Harada S, Inoue O, Kozawa K, Tanaka R, Noda M, Okabe N, Tashiro M, Mizuta K. Kimura H.	Molecular epidemiology of the attachment glycoprotein (G) gene in respiratory syncytial virus in children with acute respiratory infection in Japan in 2009/2010.	J Med Microbiol.	61(Pt 6)	820-9	2012
今井正樹、高下恵美、岸田典子、藤崎誠一郎、徐紅、中内美名、高山郁代、松井清彦、影山努、小田切孝人、押部智宏、小淵正次、加瀬哲男、川上千春、高橋雅輝、平良勝也、安井善宏、皆川洋子、調恒明.	高病原性鳥インフルエンザ診断マニュアル第3版	国立感染症研究所		<a href="http://www.nih.gov.jp/niid/images/lab-manual/avian_influenza_2003.pdf">http://www.nih.gov.jp/niid/images/lab-manual/avian_influenza_2003.pdf</a>	2012

今井正樹、高下恵美、岸田典子、藤崎誠一郎、徐紅、中内美名、高山郁代、松井清彦、影山 努、小田切孝人、押部智宏、小淵正次、加瀬哲男、川上千春、高橋雅輝、平良勝也、安井善宏、皆川洋子、調恒明	インフルエンザ診断マニュアル第2版	国立感染症研究所	<a href="http://www.nih.gov/niid/images/lab-manual/influenza_2003.pdf">http://www.nih.gov/niid/images/lab-manual/influenza_2003.pdf</a>		2012
Shirakura M, Kawaguchi A, Tashiro M, and Nobusawa E.	Composition of hemagglutinin and neuraminidase affects the antigen yield of influenza A(H1N1)pdm09 candidate vaccine viruses.	JJID	66	65-68.	2013
N.Takemae, Tung Nguyen, Long Thanh Ngo, Y. Hiromoto, Y. Uchida, Vu Phong Pham, T. Kageyama, S.Kasuo, S.Shimada, Y.Yamashita, K.Goto, Hung Vo Van, Do Thi Hoa, T. Hayashi, A.Matsuu, T.Saito.	Antigenic variation of H1N1, H1N2 and H3N2 swine influenza viruses in Japan and Vietnam.	Archives of Virology. (in press)			2013
I.Takayama, M.Nakaguchi, S.Fujisaki, T.Odagiri, M.Tashiro, T.Kageyama.	Rapid detection of the S247N neuraminidase mutation in influenza A(H1N1)pdm09 virus by one-step duplex RT-PCR assay.	Journal of Virological Methods	188(1-2)	73-75	2013
Vavricka, C.J., Liu, Y., Kiyota, H., Sriwilaijaroen, N., Qi, J., Tanaka, K., Wu, Y., Li, Q., Li, Y., Yan, J., Suzuki, Y., Gao, J.F.	Novel insight into the enzymatic mechanism of influenza virus neuraminidase for the development of covalently-bound inhibitors.	<i>Nature Communications</i>	10	DOI: 10.1038/ncomms2487	2013
Hamamoto, I., Takaku, H., Tashiro, M., Yamamoto, N.	High yield production of influenza virus in Madin Darby canine kidney (MDCK) cells with stable knockdown of IRF7.	PLoS One (in press)			2013
Sakabe S, Takano R, Nagamura-Inoue T, Yamashita N, Nidom CA, Quynh Le MT, Iwatsuki-Horimoto K, Kawaoka Y.	Differences in Cytokine Production in Human Macrophages and in Virulence in Mice Are Attributable to the Acidic Polymerase Protein of Highly Pathogenic Influenza A Virus Subtype H5N1.	J Infect Dis	207	:262-271	2013



Takano R, Kiso M, Igarashi M, Le QM, Sekijima M, Ito K, Takada A, Kawaoka Y.	Molecular mechanisms underlying oseltamivir resistance mediated by an I117V substitution in the NA of H5N1 avian influenza viruses.	J Infect Dis	207	89-97	2013
Ato, M., Takahashi, Y., Fujii, H., Hashimoto, S., Kaji, T., Yamamoto, K., Itamura, S., Horiuchi, Y., Arakawa, Y., Tashiro, M., Takemori, T.	Influenza A whole virion vaccine induces a rapid reduction of peripheral blood leukocytes via interferon- $\alpha$ -dependent apoptosis.	Vaccine (submitted)			2013
Fouchier, R. A. M., Garcia-Sastre, A., Kawaoka, Y., Barclay, W. S., Bouvier, N. M., Brown, I. H., Capua, I., Chen, H., Compans, R. W., Couch, R. B., Cox, N. J., Doherty, P. C., Donis, R. O., Feldmann, H., Guan, Y., Katz, J., O. Kiselev, Klenk, H.-D., Kobinger, G., Liu, J., Liu, X., Lowen, A., Mittenleiter, T. C., Osterhaus, A. D. M. E., Palese, P., Peiris, J. S. M., Perez, D. R., Richit, J. A., Schultz-Cherry, S., Steel, J. Subbarao, K., Swayne, D. E., Takimono, T., Tashiro, M., Taubenberger, J. K., Thomas, P. G., Tripp, R. A., Tumpey, T. M., Webby, R. J., Webster, R. G.	H5N1 virus: Transmission studies resume for avian flu.	nature	493	460, doi:10.1038/nature11858	2013

