

免疫・リウマチ内科学

○主な研究内容

- 1 消化器疾患の病態解明とその臨床応用
- 2 消化管病変の画像強調内視鏡診断と遺伝子診断の開発
- 3 消化器癌の個別化医療とバイオマーカーの開発
- 4 炎症性腸疾患の再生医療と免疫治療の開発
- 5 肝胆膵領域における新しい画像診断と遺伝子診断の開発
- 6 膵癌に対するがんワクチン療法の開発
- 7 臨床検体を用いたゲノム・エピゲノム解析とその臨床応用
- 8 がんの分子標的治療の開発
- 9 膠原病および自己免疫疾患の成因解明
- 10 ミクリッツ病と全身性IgG4関連疾患の病態解明
- 11 免疫疾患における新しい治療法の開発

○Pub Med 掲載論文 (2018 年)

1. Genetic determinants and an epistasis of LILRA3 and HLA-B*52 in Takayasu arteritis.

Terao C, Yoshifuji H, Matsumura T, Naruse TK, Ishii T, Nakaoka Y, Kirino Y, Matsuo K, Origuchi T, Shimizu M, Maejima Y, Amiya E, Tamura N, Kawaguchi T, Takahashi M, Setoh K, Ohmura K, Watanabe R, Horita T, Atsumi T, Matsukura M, Miyata T, Kochi Y, Suda T, Tanemoto K, Meguro A, Okada Y, Ogimoto A, Yamamoto M, Takahashi H, Nakayamada S, Saito K, Kuwana M, Mizuki N, Tabara Y, Ueda A, Komuro I, Kimura A, Isobe M, Mimori T, Matsuda F.
Proc Natl Acad Sci U S A. 2018 Nov 29. pii: 201808850. doi: 10.1073/pnas.1808850115. [Epub ahead of print]
PMID: 30498034

2. Interleukin 5-producing ST2+ memory Th2 cells in IgG4-related dacryoadenitis and sialadenitis.

Yamamoto M, Takano KI, Kamekura R, Aochi S, Suzuki C, Ichimiya S, Nakase H, Himi T, Takahashi H.
Mod Rheumatol. 2018 Oct 25:1-5. doi: 10.1080/14397595.2018.1526357. [Epub ahead of print]
PMID: 30354922

3. Clinical Questions and an Inquiring Mind for Patients with IgG4-related Disease.

Yamamoto M, Takahashi H.
Intern Med. 2018 Oct 17. doi: 10.2169/internalmedicine.1765-18. [Epub ahead of print]
No abstract available.
PMID: 30333424 Free Article

4. Early Therapeutic Intervention for IgG4-related Dacryoadenitis and Sialadenitis: The Balance Between Risk of Observation Only and Therapeutic Adverse Effects.

Yamamoto M, Takano KI, Takahashi H.

J Rheumatol. 2018 Aug;45(9):1339–1340. doi: 10.3899/jrheum.180163. No abstract available.
PMID: 30173184

5. Successful Transcatheter Diagnosis and Medical Treatment of Right Atrial Involvement in IgG4-related Disease.

Yano T, Yamamoto M, Mochizuki A, Ogawa T, Nagano N, Fujito T, Nishida J, Nagahara D, Abe K, Miki T, Suzuki C, Takahashi H, Ishibashi-Ueda H, Miura T.
Int Heart J. 2018 Sep 26;59(5):1155–1160. doi: 10.1536/ihj.17-467. Epub 2018 Jul 15.
PMID: 30012925 Free Article

6. Factors in glucocorticoid regimens associated with treatment response and relapses of IgG4-related disease: a multicentre study.

Shirakashi M, Yoshifuji H, Kodama Y, Chiba T, Yamamoto M, Takahashi H, Uchida K, Okazaki K, Ito T, Kawa S, Yamada K, Kawano M, Hirata S, Tanaka Y, Moriyama M, Nakamura S, Kamisawa T, Matsui S, Tsuboi H, Sumida T, Shibata M, Goto H, Sato Y, Yoshino T, Mimori T.
Sci Rep. 2018 Jul 6;8(1):10262. doi: 10.1038/s41598-018-28405-x.
PMID: 29980706 Free PMC Article

7. Potential utility of core needle biopsy in the diagnosis of IgG4-related dacryoadenitis and sialadenitis.

Takano K, Okuni T, Yamamoto K, Kamekura R, Yajima R, Yamamoto M, Takahashi H, Himi T.
Mod Rheumatol. 2018 May 9:1–4. doi: 10.1080/14397595.2018.1465665. [Epub ahead of print]
No abstract available.
PMID: 29656682

8. Stage classification of IgG4-related dacryoadenitis and sialadenitis by the serum cytokine environment.

Yamamoto M, Takano K, Kamekura R, Suzuki C, Ichimiya S, Himi T, Nakase H, Takahashi H.
Mod Rheumatol. 2018 Nov;28(6):1004–1008. doi: 10.1080/14397595.2018.1436029. Epub 2018 Feb 23.
PMID: 29385874

9. Clinical utility of 18 F-fluorodeoxyglucose/positron emission tomography in diagnosis of immunoglobulin G4-related sclerosing sialadenitis.

Takano K, Yajima R, Kamekura R, Yamamoto M, Takahashi H, Yama N, Hatakenaka M, Himi T.
Laryngoscope. 2018 May;128(5):1120–1125. doi: 10.1002/lary.26945. Epub 2017 Oct 8.
PMID: 28988418

10. The standard international prognostic index for predicting the risk of CNS involvement in DLBCL without specific prophylaxis.

Tomita N, Yokoyama M, Yamamoto W, Watanabe R, Shimazu Y, Masaki Y, Tsunoda S, Hashimoto C, Murayama K, Yano T, Okamoto R, Kikuchi A, Tamura K, Sato K, Sunami K, Shibayama H, Takimoto R, Ohshima R, Takahashi H, Moriuchi Y, Kinoshita T, Yamamoto M, Numata A, Nakajima

H, Miura I, Takeuchi K.

Leuk Lymphoma. 2018 Jan;59(1):97-104. doi: 10.1080/10428194.2017.1330541. Epub 2017 Jun 8.

PMID: 28593796

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○Pub Med 掲載論文 (2017 年)

1. Clinical Evaluation of Diagnostic and Treatment Protocol of Idiopathic Retroperitoneal Fibrosis Incorporating Consideration of Possible IgG4-Related Disease].

Iyoki T, Maehana T, Tanaka T, Yamamoto M, Takahashi H, Masumori N.
Hinyokika Kyo. 2017 Nov;63(11):449-454. doi: 10.14989/ActaUrolJap_63_11_449. Japanese.
PMID:29232794

2. New clues to the nature of immunoglobulin G4-related disease: a retrospective Japanese multicenter study of baseline clinical features of 334 cases.

Yamada K, Yamamoto M, Saeki T, Mizushima I, Matsui S, Fujisawa Y, Hara S, Takahashi H, Nomura H, Kawa S, Kawano M.
Arthritis Res Ther. 2017 Dec 1;19(1):262. doi: 10.1186/s13075-017-1467-x.
PMID:29191210

3. Clinical utility of ¹⁸F-fluorodeoxyglucose/positron emission tomography in diagnosis of immunoglobulin G4-related sclerosing sialadenitis.

Takano K, Yajima R, Kamekura R, Yamamoto M, Takahashi H, Yama N, Hatakenaka M, Himi T.
Laryngoscope. 2017 Oct 8. doi: 10.1002/lary.26945. [Epub ahead of print]
PMID:28988418

4. Cutting Edge: A Critical Role of Lesional T Follicular Helper Cells in the Pathogenesis of IgG4-Related Disease.

Kamekura R, Takano K, Yamamoto M, Kawata K, Shigehara K, Jitsukawa S, Nagaya T, Ito F, Sato A, Ogasawara N, Tsubomatsu C, Takahashi H, Nakase H, Himi T, Ichimiya S.
J Immunol. 2017 Oct 15;199(8):2624-2629. doi: 10.4049/jimmunol.1601507. Epub 2017 Sep 15.
PMID:28916523

5. The standard international prognostic index for predicting the risk of CNS involvement in DLBCL without specific prophylaxis.

Tomita N, Yokoyama M, Yamamoto W, Watanabe R, Shimazu Y, Masaki Y, Tsunoda S, Hashimoto C, Murayama K, Yano T, Okamoto R, Kikuchi A, Tamura K, Sato K, Sunami K, Shibayama H, Takimoto R, Ohshima R, Takahashi H, Moriuchi Y, Kinoshita T, Yamamoto M, Numata A, Nakajima H, Miura I, Takeuchi K.

Leuk Lymphoma. 2018 Jan;59(1):97–104. doi: 10.1080/10428194.2017.1330541. Epub 2017 Jun 8.

PMID:28593796

6. Recent advances in knowledge regarding the head and neck manifestations of IgG4-related disease.

Takano K, Yamamoto M, Takahashi H, Himi T.

Auris Nasus Larynx. 2017 Feb;44(1):7–17. doi: 10.1016/j.anl.2016.10.011. Epub 2016 Dec 10. Review.

PMID:27956101

7. Assessing the usefulness of salivary gland biopsy for diagnosis of type-1 autoimmune pancreatitis.

Takano K, Yamamoto M, Ichimiya S, Takahashi H, Himi T.

Mod Rheumatol. 2017 May;27(3):548–550. doi: 10.1080/14397595.2016.1209818. Epub 2016 Jul 18. No abstract available.

PMID:27426059

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○Pub Med 掲載論文 (2016 年)

1. Clinical and Genetic Features of Patients With TNFRSF1A Variants in Japan: Findings of a Nationwide Survey.

Ueda N, Ida H, Washio M, Miyahara H, Tokunaga S, Tanaka F, Takahashi H, Kusahara K, Ohmura K, Nakayama M, Ohara O, Nishikomori R, Minota S, Takei S, Fujii T, Ishigatsubo Y, Tsukamoto H, Tahira T, Horiuchi T.

Arthritis Rheumatol. 2016 Nov;68(11):2760-2771. doi: 10.1002/art.39793.

PMID: 27332769

2. Response to: 'Could abatacept directly target expanded plasmablasts in IgG4-related disease?' by Alegria et al.

Yamamoto M, Takahashi H, Takano K, Himi T, Nakase H.

Ann Rheum Dis. 2016 Nov;75(11):e74. doi: 10.1136/annrheumdis-2016-210403. No abstract available.

PMID: 27651399

3. IgG4-Related Disease in Organs Other than the Hepatobiliary-Pancreatic System.

Yamamoto M, Takahashi H.

Semin Liver Dis. 2016 Aug;36(3):274-82. doi: 10.1055/s-0036-1584317.

PMID: 27466796

4. Assessing the usefulness of salivary gland biopsy for diagnosis of type-1 autoimmune pancreatitis.

Takano K, Yamamoto M, Ichimiya S, Takahashi H, Himi T.

Mod Rheumatol. 2016 Jul 18:1-3. [Epub ahead of print] No abstract available.

PMID: 27426059

5. Efficacy of abatacept for IgG4-related disease over 8months.

Yamamoto M, Takahashi H, Takano K, Shimizu Y, Sakurai N, Suzuki C, Naishiro Y, Yajima H, Awakawa T, Himi T, Nakase H.

Ann Rheum Dis. 2016 Aug;75(8):1576-8. doi: 10.1136/annrheumdis-2016-209368. No abstract

available.

PMID: 27147710

6. Pulmonary vascular resistance estimated by Doppler echocardiography predicts mortality in patients with interstitial lung disease.

Yasui K, Yuda S, Abe K, Muranaka A, Otsuka M, Ohnishi H, Hashimoto A, Takahashi H, Tsuchihashi K, Takahashi H, Takahashi S, Miura T.

J Cardiol. 2016 Oct;68(4):300–7. doi: 10.1016/j.jjcc.2016.02.025.

PMID: 27032318

7. Clinicopathological analysis of salivary gland tissue from patients with IgG4-related disease.

Takano K, Nomura K, Abe A, Kamekura R, Yamamoto M, Ichimiya S, Takahashi H, Himi T.

Acta Otolaryngol. 2016 Jul;136(7):717–21. doi: 10.3109/00016489.2016.1154605.

PMID: 27007955

8. Interferon-gamma increased epithelial barrier function via upregulating claudin-7 expression in human submandibular gland duct epithelium.

Abe A, Takano K, Kojima T, Nomura K, Kakuki T, Kaneko Y, Yamamoto M, Takahashi H, Himi T.

J Mol Histol. 2016 Jun;47(3):353–63. doi: 10.1007/s10735-016-9667-2.

PMID: 26956365

9. Loss of interleukin-21 leads to atrophic germinal centers in multicentric Castleman's disease.

Yajima H, Yamamoto M, Shimizu Y, Sakurai N, Suzuki C, Naishiro Y, Imai K, Shinomura Y, Takahashi H.

Ann Hematol. 2016 Jan;95(1):35–40. doi: 10.1007/s00277-015-2500-2.

PMID: 26377996

10. Role of interleukin-32 in the mechanism of chronic inflammation in IgG4-related disease and as a predictive biomarker for drug-free remission.

Shimizu Y, Yamamoto M, Yajima H, Suzuki C, Naishiro Y, Takahashi H, Imai K, Shinomura Y.

Mod Rheumatol. 2016;26(3):391–7. doi: 10.3109/14397595.2015.1089973.

PMID: 26375328

11. Immune complexome analysis of antigens in circulating immune complexes isolated from patients with IgG4-related dacryoadenitis and/or sialadenitis.

Ohyama K, Baba M, Tamai M, Yamamoto M, Ichinose K, Kishikawa N, Takahashi H, Kawakami A, Kuroda N.

Mod Rheumatol. 2016;26(2):248–50. doi: 10.3109/14397595.2015.1072296.

PMID: 26166493

12. Validation of the comprehensive diagnostic criteria for IgG4-related disease in a SMART registry.

Yamamoto M, Shimizu Y, Yajima H, Tabeya T, Suzuki C, Naishiro Y, Takano K, Murakami R, Honda S, Abe T, Himi T, Mukai M, Takahashi H.

Mod Rheumatol. 2016;26(2):310–2. doi: 10.3109/14397595.2015.1069951. No abstract available.

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13. Tofacitinib can decrease anti-DNA antibody titers in inactive systemic lupus erythematosus complicated by rheumatoid arthritis.
Yamamoto M, Yokoyama Y, Shimizu Y, Yajima H, Sakurai N, Suzuki C, Naishiro Y, Takahashi H.
Mod Rheumatol. 2016 Jul;26(4):633-4. doi: 10.3109/14397595.2015.1069473. No abstract available.
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14. Seasonal allergies and serial changes of serum levels of IgG4 in cases treated with maintenance therapy for IgG4-related disease.
Yamamoto M, Takahashi H, Shimizu Y, Yajima H, Suzuki C, Naishiro Y, Imai K, Shinomura Y.
Mod Rheumatol. 2016;26(1):161-2. doi: 10.3109/14397595.2014.995893. No abstract available.
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15. A case of angioimmunoblastic T-cell lymphoma with high serum VEGF preceded by RS3PE syndrome.
Tabeya T, Sugaya T, Suzuki C, Yamamoto M, Kanaseki T, Noguchi H, Naishiro Y, Ishida T, Takahashi H, Shinomura Y.
Mod Rheumatol. 2016;26(2):281-5. doi: 10.3109/14397595.2013.857836.
PMID: 24289198

16. IgG4-Related Disease in Organs Other than the Hepatobiliary-Pancreatic System.
Yamamoto M, Takahashi H.
Semin Liver Dis. 2016 Aug;36(3):274-82. doi: 10.1055/s-0036-1584317.
PMID: 27466796

17. Clinicopathological analysis of salivary gland tissue from patients with IgG4-related disease.
Takano K, Nomura K, Abe A, Kamekura R, Yamamoto M, Ichimiya S, Takahashi H, Himi T.
Acta Otolaryngol. 2016 Jul;136(7):717-21. doi: 10.3109/00016489.2016.1154605.
PMID: 27007955

18. Interferon-gamma increased epithelial barrier function via upregulating claudin-7 expression in human submandibular gland duct epithelium.
Abe A, Takano K, Kojima T, Nomura K, Kakuki T, Kaneko Y, Yamamoto M, Takahashi H, Himi T.
J Mol Histol. 2016 Jun;47(3):353-63. doi: 10.1007/s10735-016-9667-2. PMID: 26956365

19. Loss of interleukin-21 leads to atrophic germinal centers in multicentric Castleman's disease.
Yajima H, Yamamoto M, Shimizu Y, Sakurai N, Suzuki C, Naishiro Y, Imai K, Shinomura Y, Takahashi H.
Ann Hematol. 2016 Jan;95(1):35-40. doi: 10.1007/s00277-015-2500-2.
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20. Role of interleukin-32 in the mechanism of chronic inflammation in IgG4-related disease and as a predictive biomarker for drug-free remission.

Shimizu Y, Yamamoto M, Yajima H, Suzuki C, Naishiro Y, Takahashi H, Imai K, Shinomura Y. *Mod Rheumatol*. 2016;26(3):391–7. doi: 10.3109/14397595.2015.1089973. PMID: 26375328

21. Immune complexome analysis of antigens in circulating immune complexes isolated from patients with IgG4-related dacryoadenitis and/or sialadenitis.

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22. Validation of the comprehensive diagnostic criteria for IgG4-related disease in a SMART registry.

Yamamoto M, Shimizu Y, Yajima H, Tabeya T, Suzuki C, Naishiro Y, Takano K, Murakami R, Honda S, Abe T, Himi T, Mukai M, Takahashi H.

Mod Rheumatol. 2016;26(2):310–2. doi: 10.3109/14397595.2015.1069951. No abstract available.

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23. Recovery of renal function after glucocorticoid therapy for IgG4-related kidney disease with renal dysfunction.

Saeki T, Kawano M, Mizushima I, Yamamoto M, Wada Y, Ubara Y, Nakashima H, Ito T, Yamazaki H, Narita I, Saito T.

Clin Exp Nephrol. 2016 Feb;20(1):87–93. doi: 10.1007/s10157-015-1140-0.

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25. Seasonal allergies and serial changes of serum levels of IgG4 in cases treated with maintenance therapy for IgG4-related disease.

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26. A case of angioimmunoblastic T-cell lymphoma with high serum VEGF preceded by RS3PE syndrome.

Tabeya T, Sugaya T, Suzuki C, Yamamoto M, Kanaseki T, Noguchi H, Naishiro Y, Ishida T, Takahashi H, Shinomura Y.

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27. Factors related to renal cortical atrophy development after glucocorticoid therapy in IgG4-related kidney disease: a retrospective multicenter study.

Mizushima I, Yamamoto M, Inoue D, Nishi S, Taniguchi Y, Ubara Y, Matsui S, Yasuno T, Nakashima

H, Takahashi H, Yamada K, Nomura H, Yamagishi M, Saito T, Kawano M.
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Mizushima I, Yamamoto M, Inoue D, Nishi S, Taniguchi Y, Ubara Y, Matsui S, Yasuno T, Nakashima
H, Takahashi H, Yamada K, Nomura H, Yamagishi M, Saito T, Kawano M.
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