

## 主な発表論文、著書

### 2019 年度

1. Kasai H, Ito S, Tajima H, Takahashi Y, Sakurai Y, Kawata N, Sugiyama H, Asahina M, Sakai I, Tatsumi K. The positive effect of student-oriented clinical clerkship rounds employing role-play and peer review on the clinical performance and professionalism of clerkship students. *Med Teach*. 2020;42:73-78. doi: 10.1080/0142159X.2019.1656330.
2. Suda R, Tanabe N, Terada J, Naito A, Kasai H, Nishimura R, Sanada TJ, Sugiura T, Sakao S, Tatsumi K. Pulmonary hypertension with a low cardiac index requires a higher PaO<sub>2</sub> level to avoid tissue hypoxia. *Respirology*. 2020;25:97-103. doi: 10.1111/resp.13574.
3. Yamamoto K, Nishimura R, Kato F, Naito A, Suda R, Sekine A, Jujo T, Shigeta A, Sakao S, Tanabe N, Tatsumi K. Protective role of endothelial progenitor cells stimulated by riociguat in chronic thromboembolic pulmonary hypertension. *Int J Cardiol*. 2020;299:263-270. doi: 10.1016/j.ijcard.2019.07.017.
4. Takeyasu R, Tamura Y, Abe K, Goda A, Satoh T, Suda R, Tanabe N, Tsujino I, Yamazaki T, Tatsumi K. Development of psychometrically validated Japanese version of the emPHasis-10 questionnaire, a patient-reported outcome measure for pulmonary hypertension: Multicenter study in Japan. *Circ Rep*. in press.
5. Nakata K, Sugi T, Kuroda K, Yoshizawa K, Takada T, Tazawa R, Ueda T, Aoki A, Abe M, Tatsumi K, Eda R, Kondoh S, Morimoto K, Tanaka T, Yamaguchi E, Takahashi A, Oda M, Ishii H, Izumi S, Sugiyama H, Nakagawa A, Tomii K, Suzuki M, Konno S, Ohkouchi S, Hirano T, Handa T, Hirai T, Inoue Y, Arai T, Asakawa K, Sakagami T, Tanaka T, Mikami A, Kitamura N. Validation of a new serum granulocyte-macrophage colony-stimulating factor autoantibody testing kit. *ERJ Open Res*. 2020;6.pii: 00259-2019. doi: 10.1183/23120541.00259-2019.
6. Murase K, Tanizawa K, Minami T, Matsumoto T, Tachikawa R, Takahashi N, Tsuda T, Toyama Y, Ohi M, Akahoshi T, Tomita Y, Narui K, Nakamura H, Ohdaira T, Yoshimine H, Tsuboi T, Yamashiro Y, Ando S, Kasai T, Kita H, Tatsumi K, Burioka N, Tomii K, Kondoh Y, Takeyama H, Handa T, Hamada S, Oga T, Nakayama T, Sakamaki T, Morita S, Kuroda T, Hirai T, Chin K. A Randomized Controlled Trial of Telemedicine for Long-Term Sleep Apnea CPAP Management. *Ann Am Thorac Soc*. 2020;17:329-337. doi: 10.1513/AnnalsATS.201907-494OC.
7. Tazawa R, Ueda T, Abe M, Tatsumi K, Eda R, Kondoh S, Morimoto K, Tanaka T, Yamaguchi E, Takahashi A, Oda M, Ishii H, Izumi S, Sugiyama H, Nakagawa A, Tomii K, Suzuki M, Konno S, Ohkouchi S, Tode N, Handa T, Hirai T, Inoue Y, Arai T, Asakawa K, Sakagami T, Hashimoto A, Tanaka T, Takada T, Mikami A, Kitamura N, Nakata K. Inhaled GM-CSF for Pulmonary Alveolar Proteinosis. *N Engl J Med*. 2019;381:923-932. doi: 10.1056/NEJMc1914606.

8. Sakao S, Tanabe N, Tatsumi K. Hypoxic pulmonary vasoconstriction and the diffusing capacity in pulmonary hypertension associated with idiopathic pulmonary fibrosis. *JAHA*. 2019;8:e013310. doi: 10.1161/JAHA.119.013310.
9. Sanada TJ, Tanabe N, Ishibashi-Ueda H, Ishida K, Naito A, Sakao S, Suda R, Kasai H, Nishimura R, Sugiura T, Shigeta A, Taniguchi Y, Masuda M, Tatsumi K. Involvement of pulmonary arteriopathy in the development and severity of reperfusion pulmonary endarterectomy. *Pulm Circ*. 2019;9:1-9. doi: 10.1177/2045894019846439.
10. Sanada TJ, Sakao S, Naito A, Ishibashi-Ueda H, Suga M, Shoji H, Miwa H, Suda R, Iwasawa S, Tada Y, Ishida K, Tanabe N, Tatsumi K. Characterization of pulmonary intimal sarcoma cells isolated from a surgical specimen: In vitro and in vivo study. *PLoS ONE*. 2019;14:e0214654. doi: 10.1371/journal.pone.0214654.
11. Naito A, Hiwasa T, Tanabe N, Sanada TJ, Sugiura T, Shigeta A, Terada J, Takizawa H, Kashiwado K, Sakao S, Tatsumi K. Elevated levels of autoantibodies against EXD2 and PHAX in the sera of patients with chronic thromboembolic pulmonary hypertension. *PLoS One*. 2019;14:e0211377. doi: 10.1371/journal.pone.0211377.
12. Abe M, Tsushima K, Tatsumi K. Utility of nintedanib for severe idiopathic pulmonary fibrosis: a single-center retrospective study [Response to letter]. *Drug Des Devel Ther*. 2019;13:1687-1688. doi: 10.2147/DDDT.S207537.
13. Ishiwata T, Abe M, Kasai H, Ikari J, Kawata N, Terada J, Sakao S, Tada Y, Tanabe N, Tatsumi K. Safety of diagnostic flexible bronchoscopy in patients with echocardiographic evidence of pulmonary hypertension. *Respir Investig*. 2019; 57:73-78. doi: 10.1016/j.resinv.2018.08.009.
14. Ishiwata T, Terada J, Nakajima T, Tsushima K, Tatsumi K. Transbronchial evaluation of peripheral pulmonary lesions using ultrasonic spectrum analysis in lung cancer patients. *Respirology*. 2019;24:1005-1010. doi: 10.1111/resp.13534.
15. Ishiwata T, Nakajima T, Terada J, Tatsumi K. A novel biosimulator based on ex vivo porcine lungs for training in peripheral tissue sampling using endobronchial ultrasonography with a guide sheath. *J Thorac Dis*. 2019;11:4152-4158. doi: 10.21037/jtd.2019.10.05.
16. Tanaka N, Ikari J, Anazawa R, Suzuki M, Katsumata Y, Shimada A, Suzuki E, Matsuura Y, Kawata N, Tada Y, Tatsumi K. S100A12 inhibits fibroblast migration via the receptor for advanced glycation end products and p38 MAPK signaling. *In Vitro Cell Dev Biol Anim*. 2019;55:656-664. doi: 10.1007/s11626-019-00384-x.
17. Katsumata Y, Terada J, Abe M, Suzuki K, Ishiwata T, Ikari J, Takeda Y, Sakaida E, Tsushima K, Tatsumi K. An analysis of the clinical benefit of 37 bronchoalveolar lavage procedures in patients with hematologic disease and pulmonary complications. *Intern Med*. 2019;58:1073-1080. doi: 10.2169/internalmedicine.1606-18.

18. Shimomura I, Yokoi A, Kohama I, Kumazaki M, Tada Y, Tatsumi K, Ochiya T, Yamamoto Y. Drug library screen reveals benzimidazole derivatives as selective cytotoxic agents for KRAS-mutant lung cancer. *Cancer Lett.* 2019;451:11-22. doi: 10.1016/j.canlet.2019.03.002.
19. Sakayori M, Terada J, Abe M, Hirasawa Y, Suzuki K, Yoshioka K, Tsushima K, Tatsumi K. Differences in tolerability of pirfenidone between elderly and younger patients with idiopathic pulmonary fibrosis. *Drug Des Devel Ther.* 2019;13:2295-2303. doi: 10.2147/DDDT.S208733.
20. Tajima H, Kasai H, Tanabe N, Sugiura T, Miwa H, Naito A, Suda R, Nishimura R, Sanada TJ, Sakao S, Tatsumi K. Clinical characteristics and prognosis in patients with chronic thromboembolic pulmonary hypertension and a concomitant psychiatric disorder. *Pulm Circ.* 2019;9:2045894019836420. doi: 10.1177/2045894019836420.
21. Takahashi Y, Yamamoto K, Tanabe N, Suda R, Kasai H, Nishimura R, Jujo T, Sugiura T, Shigeta A, Sakao S, Tatsumi K. Characteristics of Japanese elderly patients with pulmonary arterial hypertension. *Pulm Circ.* 2019 in press.
22. Ogawa A, Sakao S, Tanabe N, Matsubara H, Tatsumi K. Use of vasodilators for the treatment of pulmonary veno-occlusive disease and pulmonary capillary hemangiomatosis:A systematic review. *Respir Investig.* 2019;57:183-190. doi: 10.1016/j.resinv.2018.10.004.
23. Matsumura T, Terada J, Yoshimura C, Koshikawa K, Kinoshita T, Yahaba M, Nagashima K, Sakao S, Tatsumi K. Single-use suvorexant for treating insomnia during overnight polysomnography in patients with suspected obstructive sleep apnea: a single-center experience. *Drug Des Devel ther.* 2019;13:809-816. . doi: 10.2147/DDDT.S197237.
24. Saito K, Tanaka N, Ikari J, Suzuki M, Anazawa R, Abe M, Saito Y, Tatsumi K. Comprehensive lipid profiling of bleomycin-induced lung injury. *J Appl Toxicol.* 2019;39:658-671. . doi: 10.1002/jat.3758.
25. Naganuma M, Sugimoto S, Suzuki H, Matsuno Y, Araki T, Shimizu H, Hayashi R, Fukuda T, Nakamoto N, Iijima H, Nakamura S, Kataoka M, Tamura Y, Tatsumi K, Hibi T, Suzuki Y, Kanai T; INDIGO survey Group. Adverse events in patients with ulcerative colitis treated with indigo naturalis: a Japanese nationwide survey. *J Gastroenterol.* 2019;54:891-896. . doi: 10.1007/s00535-019-01591-9.
26. Wada H, Nakajima T, Suzuki H, Anazawa R, Narita T, Terada J, Yoshida S, Tatsumi K, Nakatani Y, Yoshino I. Pulmonary capillary hemangiomatosis diagnosed by pathology of explanted lungs: a unique etiology serves as a key of clinical diagnosis. *Gen Thorac Cardiovasc Surg.* 2019;67:332-335. doi: 10.1007/s11748-018-0950-x.

診療ガイドライン（2019 年度）

1. 特発性/遺伝性肺動脈性肺高血圧症（IPAH/HPAH）診療ガイドライン. 日本肺高血圧・肺循環学会 2019（統括委員長/作成委員）
2. 結合組織病に伴う肺動脈性高血圧症 診療ガイドライン. 日本肺高血圧・肺循環学会 2019（統括委員長/作成委員）