

教育研究業績書

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類別及び番号	著者名 (論文記載順)	著書・学術論文等の題名及び発行所・発表雑誌等名 (巻, 初～終頁)	発行・発表年 (発表場所)
	【英文】		
I-1	Oka N, Miyaji K, Kitamura T, Itatani K, Yoshii T, Inoue N, <u>Fukunishi T</u> , Shibata K, Torii S.	Increased systemic cardiac output improves arterial oxygen saturation in bidirectional cavopulmonary shunt. Heart Vessels. 2015 Jan; 30(1): 56-60.	
I-2	Miyachi H, Shoji T, Sugiura T, <u>Fukunishi T</u> , Miyamoto S, Breuer CK, Shinoka.	Current Status of Cardiovascular Tissue Engineering. Int J Clin Ther Diagn. 2015; S3:001, 1-10.	
I-3	<u>Fukunishi T</u> , Best CA, Sugiura T, Shoji T, Yi T, Udelsman B, Ohst D, Ong CS, Zhang H, Shinoka T, Breuer CK, Johnson J, Hibino N.	Tissue-Engineered Small Diameter Arterial Vascular Grafts from Cell-free Nanofiber PCL/Chitosan Scaffolds in a Sheep Model. Plos One. 2016 Jul 28;11(7):e0158555.	
I-4	<u>Fukunishi T</u> , Best CA, Sugiura T, Opfermann J, Ong CS, Shinoka T, Breuer CK, Krieger A, Johnson J, Hibino N.	Preclinical Study of Patient-Specific Cell-free Nanofiber Tissue Engineered Vascular Grafts Using 3-Dimensional Printing in a Sheep Model. J Thorac Cardiovasc Surg. 2017 Apr; 153(4): 924-932.	
I-5	Ong CS, Zhou X, Huang CY, <u>Fukunishi T</u> , Zhang H, Hibino N.	Tissue Engineered Vascular Graft: Current State of the Field. Expert Rev Med Devices. 2017 May; 14(5): 383-392.	
I-6	<u>Fukunishi T</u> , Best CA, Ong CS, Groehl T, Reinhardt R, Yi T, Miyachi H, Zhang H, Shinoka T, Breuer CK, Johnson J, Hibino N.	Role of Bone Marrow Mononuclear Cell Seeding for Nanofiber Vascular Graft. Tissue Eng Part A. 2018 Jan; 24(1-2):135-144.	
I-7	Ong CS, <u>Fukunishi T</u> , Zhang H, Huang CY, Nashed A, Blazeski A, DiSilvestre D, Vricella L, Conte J, Tung L, Tomaselli G, Hibino N.	Biomaterial-Free Three-Dimensional Bioprinting Cardiac Tissue Using Human Induced Pluripotent Stem Cell Derived Cardiomyocytes. Sci Rep. 2017 Jul 4; 7(1): 4556.	
I-8	Ong CS, <u>Fukunishi T</u> , Nashed A, Blazeski A, Zhang H, Hardy S, DiSilvestre D, Vricella L, Contre J, Tung L, Tomaselli G, Hibino N.	Creation of Cardiac Tissue Exhibiting Mechanical Integration of Spheroids Using 3D Bioprinting. J Vis Exp. 2017 Jul 2; (125).	
I-9	Ong CS, <u>Fukunishi T</u> , Liu RH, Nelson K, Zhang H, Mattson G, Boktor J, Johnson J, Hibino N.	Bilateral Arteriovenous Shunts as a Method for Evaluating Tissue Engineered Vascular Grafts in Large Animal Models. Tissue Eng Part C. 2017 Nov; 23(11):728-735.	
I-10	Liu RH, Ong CS, <u>Fukunishi T</u> , Ong K, Hibino N.	Review of Vascular Graft Studies in Large Animal Models. Tissue Eng Part B. 2018 Apr; 24(2):133-143.	
I-11	Ong CS, Yesantharao P, Huang CY, Mattson G, Boktor J, <u>Fukunishi T</u> , Zhang H, Hibino N.	3D bioprinting using stem cells. Pediatr Res. 2018 Jan;83(1-2):223-231.	
I-12	<u>Fukunishi T</u> , Oka N, Yoshii T, Kobayashi K, Inoue N, Horai T, Kitamura T, Okamoto H, Miyaji K.	Early Extubation in the Operating Room after Congenital Open-Heart Surgery. Int Heart J. 2018 Jan 27; 59(1):94-98.	
I-13	Ong CS, Zhou X, Han J, Huang CY, Nashed A, Khatri S, Mattson G, <u>Fukunishi T</u> , Zhang H, Hibino N.	In vivo therapeutic applications of cells spheroids. Biotechnol Adv. 2018 Mar-Apr;36(2):494-505.	
I-14	Best CA, <u>Fukunishi T</u> , Drews J, Khosravi R, Hor K, Mahler N, Ti T, Humphrey JD, Johnson J, Breuer CK, Hibino N.	Oversized biodegradable arterial grafts promote enhanced neointimal tissue formation. Tissue Eng Part A. 2018 Aug; 24 (15-16): 1251-1261.	
I-15	Ong CS, Zhou X, Han J, Huang CY, Nashed A, Khatri S, Mattson G, <u>Fukunishi T</u> , Zhang H, Hibino N.		

I-16	<p>3D and 4D bioprinting of the myocardium. BioMed Res Int. 2018 Apr 22; 2018:6497242.</p> <p>Kobayashi K, Kitamura T, Kohira S, Torii S, Mishima T, Ohkubo H, Tanaka Y, Sasahara A, <u>Fukunishi T</u>, Ohtomo Y, Horikoshi R, Murai Y, Miyaji K.</p> <p>Cerebral oximetry for cardiac surgery: a preoperative comparison of device characteristics and pitfalls in interpretation. J Artif Organs. 2018 Jun 20. doi: 10.1007/s10047-018-1052-3.</p>
I-17	<p>Kobayashi K, Kitamura T, Kohira S, Torii S, Mishima T, Ohkubo H, Tanaka Y, Sasahara A, <u>Fukunishi T</u>, Ohtomo Y, Horikoshi R, Murai Y, Miyaji K.</p> <p>Correction to: Cerebral oximetry for cardiac surgery: a preoperative comparison of device characteristics and pitfalls in interpretation. J Artif Organs. 2018 Jul 17. doi: 10.1007/s10047-017-1061-2</p>
I-18	<p><u>Fukunishi T</u>, Ong CS, Lui C, Pitaktong I, Smoot C, Harris J, Gabriele P, Vricella L, Santhanam L, Lu S, Hibino N.</p> <p>Formation of neoarteries with optimal remodeling using rapidly degrading textile vascular grafts. Tissue Eng Part A. 2019 Apr;25(7-8):632-641. doi. 10.1089/ten. TEA.2018.0167.</p>
I-19	<p>Elliott MB, Ginn B, <u>Fukunishi T</u>, Bedji D, Suresh A, Chen T, Inoue T, Dietz HC, Santhanam L, Mao HQ, Hibino N, Gerecht S.</p> <p>Regenerative and durable small-diameter graft as an arterial conduit. Proc Natl Acad Sci U S A. 2019 Jun 25;116(26): 12710-12719. doi. 10.1073/pnas. 1905966116.</p>
I-20	<p>Yeung E, <u>Fukunishi T</u>, Bai Y, Bedja D, Pitaktong I, Mattson G, Jeyaram A, Lui C, Ong CS, Inoue T, Matsushita H, Abdollahi S, Jay SM, Hibino N.</p> <p>Cardiac regeneration using human-induced pluripotent stem cell-derived biomaterial-free 3D-bioprinted cardiac patch in vivo. J Tissue Eng Regen Med. 2019 Nov;13(11):2031-2039. doi. 10.1002/term.2954.</p>
I-21	<p><u>Fukunishi T</u>, Ong CS, Yesantharao P, Best CA, Yi T, Mattson G, Boktor J, Nelson K, Shinoka T, Breuer CK, Johnson J, Hibino N.</p> <p>Different Degradation Rates of Nanofiber Vascular Grafts in Small and Large Animal Model. J Tissue Eng Regen Med. 2020 Feb;14(2):203-214. doi. 10.1002/term.2977.</p>
I-22	<p>Morrisette-McAlmon J, Ginn B, Somers S, <u>Fukunishi T</u>, Thanitcul C, Rindone A, Hibino N, Tung L, Mao HQ, Grayson W.</p> <p>Biomimetic Model of Contractile Cardiac Tissue with Endothelial Networks Stabilized by Adipose-Derived Stromal/Stem Cells. Sci Rep. 2020 May 20;10(1):8387. doi: 10.1038/s41598-020-65064-3.</p>
I-23	<p><u>Fukunishi T</u>, Ong CS, He YJ, Inoue T, Steppan J, Matsushita H, Johnson J, Santhanam L, Hibino N.</p> <p>Fast-degrading TEVGs Lead to Increased ECM Cross-linking Enzymes Expression. Tissue Eng Part A. 2021 Feb 18. doi. 10.1089/ten. TEA.2020.0266</p>
I-24	<p>Kobayashi K, Kitamura T, Kohira S, Inoue N, <u>Fukunishi T</u>, Miyaji K.</p> <p>Near-infrared spectroscopy device selection affects intervention management for cerebral desaturation during cardiopulmonary bypass surgery. Gen Thorac Cardiovasc Surg. 2021 Jun 6. doi. 10.1007/s11748-021-01659-5.</p>
	<p>【英文】</p>
II-1	<p><u>Fukunishi T</u>, Miyaji K, Miyamoto T, Inoue N, Kitasamura T.</p> <p>Aortic atresia with transposition of the arteries. Gen Thorac Cardiovasc Surg. 2020 Feb 20. doi. 10.1007/s11748-020-01313-6.</p>
II-2	<p>Saiki H, Kawada K, Takanashi M, <u>Fukunishi T</u>, Miyaji K, Senzaki H.</p> <p>Echocardiogram Unmasked Hemodynamic Advantage of Atrial Pacing in Securing Ventricular Preload in a Fontan Patient with Junctional Rhythm. Int Heart J. 2021 Mar 30;62(2):448-452. doi: 10.1536/ihj. 20-461.</p>
II-3	<p>Kuwata S, Saiki H, Takanashi M, <u>Fukunishi T</u>, Miyaji K, Senzaki H.</p> <p>Venous Properties in a Fontan Patient with Successful Remission of Protein-Losing Enteropathy. Int Heart J. 2021 Mar 30;62(3):710-714. doi: 10.1536/ihj. 20-687.</p>
II-4	<p>Kobayashi K, Inoue N, <u>Fukunishi T</u>.</p> <p>Mycotic Abdominal Aortic Aneurysm in a Patient With Systemic Lupus Erythematosus: A Case of Critical Antinomy. Mod Rheumatol Case Rep. 2021 Oct 7: rxab039. doi: 10.1093/mrcr/rxab039</p>
	<p>【和文】</p>
II-5	<p>秋好沢林, 井上政則, 田村智紀, 福西琢真, 尾原秀明.</p> <p>Amplatz Vascular Plug が有効であった破裂性腹部大動脈瘤ステントグラフト内挿術の1例. 2014. 日本心臓外科学会雑誌, 43 巻 6 号, 351-356.</p>
II-6	

V-12	<p>STS/EACTS Latin America Cardiovascular Surgery Conference, Cancun, Mexico, Nov 22-24, 2019. <u>Fukunishi T</u>, Inoue N, Miyamoto T, Kitamura T, Miyaji K. Effectiveness of Simultaneous Reconstructions in Congenital Open-Heart Surgery: Blalock-Taussig Shunt with Pulmonary Artery Plasty. The 28th Congress of The Asian Society for Cardiovascular and Thoracic Surgery (ASCVTS), Chiang Mai, Thailand, Feb 7-10, 2020.</p>
V-13	<p>【シンポジウム】 <u>福西琢真</u>, 葉季久雄, 真木明日香, 益田悠貴, 泉田博彬, 井上崇道, 加藤文彦, 大西達也, 小島正之, 秋好沢林, 赤津知孝, 永瀬剛司, 山本聖一郎, 金井歳雄, 中川基人. Acute Care Surgeryにおける敗血症治療戦略. 第6回日本 Acute Care Surgery 学会, 2014, 福島</p>
V-14	<p>【教育講演】 <u>福西琢真</u> Challenges in Cardiovascular Tissue Engineering. 676 回北里医学会招待学術講演会, 2016, 神奈川</p>
VI	なし
VII	なし