

Stanford



Yujiro Kawai

Postdoctoral Scholar, Cardiothoracic Surgery

Bio

STANFORD ADVISORS

- Joseph Woo, Postdoctoral Faculty Sponsor

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Cardiovascular surgery, Translational research, Regenerative research, Heart failure, Tissue engineering, Heart transplant, Spinal cord ischemia, iPS cell,

Publications

PUBLICATIONS

- **Seamless and non-destructive monitoring of extracellular microRNAs during cardiac differentiation from human pluripotent stem cells.** *Stem cell reports*
Sekine, O., Kanaami, S., Masumoto, K., Aihara, Y., Morita-Umei, Y., Tani, H., Soma, Y., Umei, T. C., Haga, K., Moriwaki, T., Kawai, Y., Ohno, M., Kishino, et al
2023; 18 (10): 1925-1939
- **Clinical outcome of intraoperative hemodialysis using a hemoconcentrator during cardiopulmonary bypass for dialysis-dependent patients.** *General thoracic and cardiovascular surgery*
Ohtsubo, S., Itoh, T., Kawai, Y., Kobayashi, K., Yoshitake, S., Fujimura, N., Shoji, Y., Ishii, S.
2023; 71 (9): 515-524
- **Reoperative Aortic Valve Replacement for Structural Valve Deterioration through a Lower Hemisternotomy after a Previous Bentall Procedure in a Patient with Tracheostomy.** *The Keio journal of medicine*
Katsumata, K., Kawai, Y., Ito, T., Shimizu, H.
2023; 72 (1): 21-25
- **Acute Pulmonary Embolism With a Left Atrial Thrombus Passing Through a Patent Foramen Ovale.** *Circulation journal : official journal of the Japanese Circulation Society*
Kawai, Y., Ohtsubo, S., Itoh, T., Kobayashi, K.
2023; 87 (3): 463
- **Intramyocardial Transplantation of Human iPS Cell-Derived Cardiac Spheroids Improves Cardiac Function in Heart Failure Animals.** *JACC. Basic to translational science*
Kawaguchi, S., Soma, Y., Nakajima, K., Kanazawa, H., Tohyama, S., Tabei, R., Hirano, A., Handa, N., Yamada, Y., Okuda, S., Hishikawa, S., Teratani, T., Kunita, et al
2021; 6 (3): 239-254
- **Scaffold-Free Tubular Engineered Heart Tissue From Human Induced Pluripotent Stem Cells Using Bio-3D Printing Technology in vivo.** *Frontiers in cardiovascular medicine*
Kawai, Y., Tohyama, S., Arai, K., Tamura, T., Soma, Y., Fukuda, K., Shimizu, H., Nakayama, K., Kobayashi, E.
2021; 8: 806215

- **Mobile Thrombus in the Ascending Aorta.** *Annals of vascular diseases*
Kawai, Y., Koizumi, K., Itoh, T., Iio, M., Shimizu, H.
2020; 13 (1): 69-71
- **Transplantation of a decellularized mitral valve complex in pigs.** *Surgery today*
Inaba, Y., Yagi, H., Kuroda, K., Kato, J., Kawai, Y., Kasai, M., Kitahara, H., Ito, T., Osako, M., Kitagawa, Y., Shimizu, H.
2020; 50 (3): 298-306
- **Adult Case of Parachute-Like Asymmetrical Mitral Valve Complicated by Mitral Stenosis and Thrombus Formation.** *Circulation journal : official journal of the Japanese Circulation Society*
Kawai, Y., Yokoyama, T., Hama, G., Toyoda, Y., Horigome, M., Tsuda, Y., Yazaki, Y., Takemura, T.
2018; 82 (4): 1208-1209