

PUBLICATIONS

Publications (Refereed Articles)

1. Granville DJ, Cassidy BA, Ruehlmann DO, **Choy JC**, Brenner C, Kroemer G, van Breemen C, Margaron P, Hunt DW, McManus BM. (2001) Mitochondrial release of apoptosis inducing factor and cytochrome c during smooth muscle cell apoptosis. *Am J Pathol.* 159: 305-311
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5. Petersen HH, **Choy J**, Stauffer B, Moien-Afshari F, Aalkjaer C, Leinwand L, McManus BM, Laher I. (2002) Coronary artery myogenic response in a genetic model of hypertrophic cardiomyopathy. *Am J Physiol Heart Circ Physiol.* 283(6):H2244-2249
6. Yanagawa B, Spiller OB, **Choy J**, Luo H, Cheung P, Zhang M, Goodfellow IG, Evans DJ, Suarez AC, Yang D, McManus BM. (2002) Coxsackievirus B3-associated myocardial pathology and viral load is reduced by recombinant soluble human decay-accelerating factor in mice. *Lab Invest.* 83(1): 75-85
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10. **Choy JC**, Lui AH, Moien-Afshari F, Wei K, Yanagawa B., McManus BM, Laher I. (2004) Coxsackievirus B3 infection compromises agonist-induced vasodilation of coronary resistance arteries. *J Cardiovasc Pharmacol.* 43(1):39-47
11. Moien-Afshari F, **Choy JC**, McManus BM, Laher I. (2004) Cyclosporine A treatment preserves coronary artery function in rat cardiac allografts. *J Heart Lung Transplant.* 23(2):193-203
12. Yanagawa B, Spiller OB, Proctor DG, **Choy J**, Luo H, Zhang HM, Suarez A, Yang DC, McManus BM. (2004) Soluble recombinant coxsackie adenovirus receptor abrogates coxsackievirus B3-mediated pancreatitis as well as myocarditis in mice. *J Infect Dis.* 189(8):1431-1439

13. **Choy JC**, Kerjner A, Wong BW, McManus BM, Granville DJ. (2004) Perforin mediates endothelial cell death and resultant transplant vascular disease in cardiac allografts. *Am J Pathol.* 165(1):127-133
14. **Choy JC**, Hung VH, Hunter AH, Cheung PK, Motyka B, Goping IS, Sawchuk T, Bleackley RC, McManus BM, Granville DJ. (2004) Granzyme B induces smooth muscle cell death in the absence of perforin: Involvement of extracellular matrix degradation. *Arterioscler Thromb Vasc Biol.* 24(12):2445-2450
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28. von Rossum A, Laher I, **Choy JC**. (2015) Immune-mediated vascular injury and dysfunction in transplant arteriosclerosis. *Front Immunol*, 5:684
29. Enns W, von Rossum A, **Choy J**. (2015) Mouse model of alloimmune-induced vascular rejection and transplant arteriosclerosis. *J Vis Exp*, (99):e52800
30. von Rossum A, Rey K, Enns W, Manku S, Cheema R, MacEwan GE, **Choy JC**. (2016) Graft-derived IL-6 amplifies proliferation and survival of effector T cells that drive alloimmune-mediated vascular rejection. *Transplantation*, 100(11):2332-2341
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35. Rey K and **Choy JC**. (2019) Immunologic effects of the microbiota in organ transplantation. *Clin Lab Med.*, 39(1):185-195
36. Marzancola M, Haroun S, **Choy J**, Li P. (2019) A microfluidic antibody bioarray for fast detection of human interleukins in low sample volumes. *Can J Chem.*, 97(10):737-744
37. Montgomery A, Tam F, Gursche C, Cheneval C, Besler K, Enns W, Manku S, Rey K, Hanson P, Rose-John S, McManus BM, **Choy JC**. (2021) Overlapping and distinct biological effects of IL-6 classic and trans-signaling in vascular endothelial cells., *Am J Physiol Cell Physiol.*, 320(4):C554-565

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41. **Choy JC**. (2023) Editorial – The complex web of FasL: Cell type-specific roles in effecting and controlling acute graft-versus-host disease. *J Leuk Biol.*, 114(3):202-204

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