

SP2000/SP2006 References

1. Fu, M., et al., Single-cell RNA sequencing in donor and end-stage heart failure patients identifies NLRP3 as a therapeutic target for arrhythmogenic right ventricular cardiomyopathy. *BMC Medicine*, 2024. 22(1): p. 11.
2. Fan, L., et al., Delivery of liquid metal particles and tanshinone IIA into the pericardial cavity for myocardial infarction treatment. *Journal of Materials Chemistry B*, 2024. 12(46): p. 11916-11925.
3. Tan, Y., et al., Efficacy of Adenovirus-mediated, miR-199a Nanoparticles on Expression of HSP27, HSP70, and Soluble Glycoprotein in Rats with Heart Failure. *Altern Ther Health Med*, 2023. 29(3): p. 146-152.
4. Guo, Y., et al., Ryanodine receptor 2 (RYR2) dysfunction activates the unfolded protein response and perturbs cardiomyocyte maturation. *Cardiovascular Research*, 2023. 119(1): p. 221-235.
5. Yi, X., et al., Danhong injection attenuates doxorubicin-induced cardiotoxicity in rats via suppression of apoptosis: network pharmacology analysis and experimental validation. *Frontiers in Pharmacology*, 2022. 13.
6. Yang, L., et al., The LMNA p.R541C mutation causes dilated cardiomyopathy in human and mice. *International Journal of Cardiology*, 2022. 363: p. 149-158.
7. Tan, D., et al., Distribution, Metabolism, Excretion and Toxicokinetics of Vitexin in Rats and Dogs. *Current Pharmaceutical Analysis*, 2022. 18(5): p. 553-564.
8. Mori, Y., et al., Corticotropin releasing hormone receptor 2 antagonist, RQ-00490721, for the prevention of pressure overload-induced cardiac dysfunction. *Biomedicine & Pharmacotherapy*, 2022. 146: p. 112566.
9. Lin, J., et al., Cas9/AAV9-Mediated Somatic Mutagenesis Uncovered the Cell-Autonomous Role of Sarcoplasmic/Endoplasmic Reticulum Calcium ATPase 2 in Murine Cardiomyocyte Maturation. *Frontiers in Cell and Developmental Biology*, 2022. 10.
10. Li, X., et al., Acute and subacute oral toxicity of artemisinin-hydroxychloroquine sulfate tablets in beagle dogs. *Drug and Chemical Toxicology*, 2022. 46(5): p. 995-1003.
11. Guo, Y., et al., Ryanodine receptor 2 (RYR2) dysfunction activates the unfolded protein response and perturbs cardiomyocyte maturation. *Cardiovasc Res*, 2022. 119(1): p. 221-235.
12. Zhu, M., et al., The Role of METTL3-Mediated N6-Methyladenosine (m6A) of JPH2 mRNA in Cyclophosphamide-Induced Cardiotoxicity. *Frontiers in Cardiovascular Medicine*, 2021. 8.
13. Wan, D.-F., et al., Exercise Preconditioning Promotes Autophagy to Cooperate for Cardioprotection by Increasing LC3 Lipidation-Associated Proteins. *Frontiers in Physiology*, 2021. 12.
14. Takahashi, M., et al., Non-invasive measurement of pulse waves in the soles of rats using an RGB camera. *OSA Continuum*, 2021. 4(12): p. 3014-3025.
15. Ahmed, A.S., et al., SGLT2 inhibitor empagliflozin monotherapy alleviates renal oxidative stress in albino Wistar diabetic rats after myocardial infarction induction. *Biomedicine & Pharmacotherapy*, 2021. 139: p. 111624.
16. Zhang, W., et al., Morphometric, Hemodynamic, and Multi-Omics Analyses in Heart Failure Rats with Preserved Ejection Fraction. *International Journal of Molecular Sciences*, 2020. 21(9): p. 3362.
17. xiaofang lu, P.Z., YANGANG WANG et al., Involvement of intestinal hypoperfusion related with Indoleamine 2,3-peroxidase activation and 5-HT metabolism abnormality in intestinal dysfunction after acute myocardial infarction, 21 May 2020, PREPRINT (Version 1) available at Research Square. 2020.
18. Chen, J., et al., Modulatory effect of metformin on cardiotoxicity induced by doxorubicin via the MAPK and AMPK pathways. *Life Sciences*, 2020. 249: p. 117498.
19. Zhang, W., et al., Two methods for modeling of sick sinus syndrome in rats: Ischemia reperfusion and sodium hydroxide induced injury. *Biomedicine & Pharmacotherapy*, 2019. 111: p. 778-784.
20. Matsumoto, E., et al., A 6-week repeated intranasal dose toxicity study of TTA-121, a novel oxytocin nasal spray, in cynomolgus monkeys. *Fundamental Toxicological Sciences*, 2019. 6(7): p. 269-275.

21. Li, X., et al., Sub-acute toxicological study of artemisinin-piperaquine tablets in rhesus monkeys. *Regulatory Toxicology and Pharmacology*, 2019. 109: p. 104486.
22. Arimura, T., et al., Overexpression of heart-specific small subunit of myosin light chain phosphatase results in heart failure and conduction disturbance. *Am J Physiol Heart Circ Physiol*, 2018.
23. Yang, J.-W., et al., Acupuncture Attenuates Renal Sympathetic Activity and Blood Pressure via Beta-Adrenergic Receptors in Spontaneously Hypertensive Rats. *Neural Plasticity*, 2017. 2017(1): p. 8696402.
24. Ohmura, H. and J.H. Jones, Changes in heart rate and heart rate variability as a function of age in Thoroughbred horses. *J Equine Sci*, 2017. 28(3): p. 99-103.
25. Lu, X., Y. Wang, and C. Liu, Depressive disorder and gastrointestinal dysfunction after myocardial infarct are associated with abnormal tryptophan-5-hydroxytryptamine metabolism in rats. *PLoS ONE*, 2017. 12(2): p. 2017.
26. Tochinali, R., et al., Combretastatin A4 disodium phosphate-induced myocardial injury. *Journal of Toxicologic Pathology*, 2016. 29(3): p. 163-171.
27. Yu, J., et al., One-month toxicokinetic study of SHENMAI injection in rats. *Journal of Ethnopharmacology*, 2014. 154(2): p. 391-399.
28. Yamanushi, T.T., et al., Oral Administration of Eicosapentaenoic Acid or Docosahexaenoic Acid Modifies Cardiac Function and Ameliorates Congestive Heart Failure in Male Rats^{1, 2, 3}. *The Journal of Nutrition*, 2014. 144(4): p. 467-474.
29. Suzuki, R., et al., Dobutamine Stress Echocardiography for Assessment of Systolic Function in Dogs with Experimentally Induced Mitral Regurgitation. *J Vet Intern Med*, 2014. 2014(16): p. 12293.
30. Sha, X., et al., Effect of phospholipid composition on pharmacokinetics and biodistribution of epirubicin liposomes. *J Liposome Res*, 2012. 22(1): p. 80-8.
31. Ngampongsa, S., et al., Reevaluation of arrhythmias and alterations of the autonomic nervous activity induced by T-2 toxin through telemetric measurements in unrestrained rats. *Toxicol Mech Methods*, 2012. 2012: p. 1.
32. Li, L., et al., Role of brain serotonin dysfunction in the pathophysiology of congestive heart failure. *Journal of molecular and cellular cardiology*, 2012. 53(6): p. 760-767.
33. Xin, Y., et al., Electrocardiographic and Biochemical Evidence for the Cardioprotective Effect of Antioxidants in Acute Doxorubicin-Induced Cardiotoxicity in the Beagle Dogs. *Biological and Pharmaceutical Bulletin*, 2011. 34(10): p. 1523-1526.
34. Kojima, H., et al., Nicotine treatment reduces LPS-induced sickness responses in telemetry monitoring rats. *Journal of Neuroimmunology*, 2011. 234(1): p. 55-62.
35. Zhan, D.-Y., et al., Therapeutic effect of β -adrenoceptor blockers using a mouse model of dilated cardiomyopathy with a troponin mutation. *Cardiovascular Research*, 2009. 84(1): p. 64-71.
36. Yamamoto, M., et al., Evidence of dominant parasympathetic nervous activity of great cormorants (*Phalacrocorax carbo*). *J Comp Physiol A Neuroethol Sens Neural Behav Physiol*, 2009. 195(4): p. 365-73.
37. Hattori, K., et al., Arrhythmia induced by spatiotemporal overexpression of calreticulin in the heart. *Molecular Genetics and Metabolism*, 2007. 91(3): p. 285-293.
38. Du, C.-K., et al., Knock-In Mouse Model of Dilated Cardiomyopathy Caused by Troponin Mutation. *Circulation Research*, 2007. 101(2): p. 185-194.
39. Ozawa, R., et al., Emerin-Lacking Mice Show Minimal Motor and Cardiac Dysfunctions with Nuclear-Associated Vacuoles. *The American Journal of Pathology*, 2006. 168(3): p. 907-917.
40. Tachikawa, H., et al., Amiodarone Improves Cardiac Sympathetic Nerve Function to Hold Norepinephrine in the Heart, Prevents Left Ventricular Remodeling, and Improves Cardiac Function in Rat Dilated Cardiomyopathy. *Circulation*, 2005. 111(7): p. 894-899.
41. Towa, S., M. Kuwahara, and H. Tsubone, Characteristics of autonomic nervous function in Zucker-fatty rats: investigation by power spectral analysis of heart rate variability. *Exp Anim*, 2004. 53(2): p. 137-44.

42. Khalil, A.M., K. Matsui, and K.-i. Takeda, Influence of sudden changes in management program on physiological and behavioral parameters in hens. *Animal Science Journal*, 2004. 75(3): p. 253-259.
43. Inagaki, H., M. Kuwahara, and H. Tsubone, Effects of psychological stress on autonomic control of heart in rats. *Exp Anim*, 2004. 53(4): p. 373-8.
44. Hassimoto, M. and T. Harada, Changes in hematology, biochemical values, and restraint ECG of rhesus monkeys (*Macaca mulatta*) following 6-month laboratory acclimation. *J Med Primatol*, 2004. 33(4): p. 175-86.
45. Hashimoto, H., N. Moritani, and T.R. Saito, Comparative study on circadian rhythms of body temperature, heart rate, and locomotor activity in three species hamsters. *Exp Anim*, 2004. 53(1): p. 43-6.
46. T, H., H. M., and M. T, Long-term Observation of Electrocardiographic Changes in Thyroidectomized Male Rats. *Advances in Animal Cardiology*, 2002. 35(1): p. 13-24.
47. Lee, J.-K., et al., Downregulation of voltage-gated K⁺ channels in rat heart with right ventricular hypertrophy. *American Journal of Physiology - Heart and Circulatory Physiology*, 1999. 277(5): p. H1725-H1731.
48. Kuwahara, M., et al., Power spectral analysis of heart rate variability for assessment of diurnal variation of autonomic nervous activity in miniature swine. *Lab Anim Sci*, 1999. 49(2): p. 202-8.
49. Karube, F. and M. Kobayashi, Presence of eupyrene spermatozoa in vestibulum accelerates oviposition in the silkworm moth, *Bombyx mori*. *Journal of Insect Physiology*, 1999. 45(10): p. 947-957.
50. Ishii, K., et al., The telemetric monitoring of heart rate, locomotor activity, and body temperature in mice and voles (*Microtus arvalis*) during ambient temperature changes. *Lab Anim*, 1996. 30(1): p. 7-12.
51. Ishii, K., et al., Autonomic nervous function in mice and voles (*Microtus arvalis*): investigation by power spectral analysis of heart rate variability. *Laboratory Animals*, 1996. 30(4): p. 359-364.
52. Mori, T., et al., Pharmacological profile of semotiadil fumarate, a novel calcium antagonist, in rat experimental angina model. *Br J Pharmacol*, 1995. 116(1): p. 1668-72.
53. Suzuki, J., studies on the positive t wave on ECG in the Rat-based on the analysis for direct cardiac electrograms in the ventricle. 1993.
54. Kodama, I., et al., Effects of long-term oral administration of amiodarone on the electromechanical performance of rabbit ventricular muscle. *Br J Pharmacol*, 1992. 107(2): p. 502-9.
55. Machida, K., et al., Electrocardiographical findings of WBN/Kob rats. *Laboratory Animals*, 1990. 24(3): p. 288-291.