Publikationen

Jahr	Titel (Autor et al.; Journal YYYY-DD-MM DOI)
2023	**Cirrhotic Cardiomyopathy following bile duct ligation in rats – a matter of time?** (Uhlig et al.; International Journal of Molecular Science 2023-05-02 DOI 10.3390/ijms24098147)
2021	**Acute myocardial injury secondary to severe acute liver failure: A retrospective analysis supported by animal data** (Uhlig et al. PLOS ONE 2021- 08-30 DOI: 10.1371/journal.pone.0256790)
2023	**Comparative assessment of coronary physiology using transthoracic pulsed- wave Doppler and myocardial contrast echocardiography in rats** (Billig et al. European Radiology Experimental, 2023-02-09, DOI: 10.1186/s41747-022-00319- 4)
2023	**Experimental liver cirrhosis inhibits restenosis after balloon angioplasty** (Mechelinck et al; International Journal of Molecular Science 2023 Jul)
2023	**Evaluation of score parameters for severity assessment of surgery and liver cirrhosis in rats** (Mechelinck et al. Animal Welfare 2023, DOI: 10.1017/awf.2023.21)
2021	**Non-linearity of end-systolic pressure-volume relation in afterload increases is caused by an overlay of shortening deactivation and the Frank-Starling mechanism** (Habigt et al.; Scientific Reports 2021-02-08 DOI: 10.1038/s41598-021-82791-3)
2021	**Serum from Patients with Severe Alcoholic Liver Cirrhosis Inhibits Proliferation and Migration of Human Coronary Artery Smooth Muscle Cells** (Mechelinck et al.; Journal of Clinical Medicine 2021-11-23 DOI: 10.3390/jcm10235471)
2023	**In Vivo Evaluation of a Novel Control Algorithm for Left Ventricular Assist Devices Based Upon Ventricular Stroke Work** (Habigt et al.; American Society for Artificial Internal Organs (ASAIO) 2023-01-01 DOI: 10.1097/MAT.0000000000001722)
2022	**In Vivo Validation of a Cardiovascular Simulation Model in Pigs** (Habigt et al.; Mathematical and Computational Applications 2022-03-18 DOI: 10.3390/mca27020028)
2021	**Model based optimization of a novel ventricular assist device : Iterative parameter estimation and optimal control of physiological variables of a novel dual pump setup for left ventricular assist devices** (Salesch et al.; Automatisierungstechnik: AT 2021-05-17 DOI: 10.1515/auto-2021-0031)
2023	**Sublethal necroptosis signaling promotes inflammation and liver cancer.** (Mihael Vucur et al; Immunity 2023-06-16 DOI: 10.1016/j.immuni.2023.05.017)
2023	**Platelet-instructed SPP1+ macrophages drive myofibroblast activation in fibrosis in a CXCL4 dependent manner**. (Konrad Hoeft et al.; Cell reports 2023-02-07 DOI: 10.1016/j.celrep.2023.112131)
2022	**Spatial multi-omic map of human myocardial infarction**. (Christoph Kuppe et al.; Nature 2022-08-10 DOI: 10.1038/s41586-022-05060-x)
2022	**Multi-omic Spatial Mapping of Myocardial Infarction and Implications for Personalized Therapy**. (Schumacher et al.; ATVB 2022-12-29 DOI: 10.1161/ATVBAHA.122.318333)
2022	**Endogenous modulation of extracellular matrix collagen during scar formation after myocardial infarction.** (Schumacher et al.; International Journal of Molecular Sciences 2022-11-23 DOI: 10.3390/ijms232314571)
2021	**MEOX1: a novel druggable target that orchestrates the activation of fibroblasts in cardiac fibrosis**. (Schumacher et al.; Signal Transduction and Targeted Therapy 2022-12-24
2021	**First COVID-19 Vaccines Receiving the US FDA and EMA Emergency Use Authorization.** (Fortner et al.; Discoveries (Craiova) 2021-03-05 DOI: 10.15190/d.2021.1)
2021	**CCR6 Deficiency Increases Infarct Size after Murine Acute Myocardial Infarction**. (Schumacher et al.; Biomedicines 2021-10-25 DOI: 10.3390/biomedicines9111532)
2021	**A neutralizing IL-11 antibody reduces vessel hyperplasia in a mouse carotid artery wire injury model.** (Schumacher et al.; Scientific Reports 2021-09-19 DOI: 10.1038/s41598-
2021	**miR155 Deficiency Reduces Myofibroblast Density but Fails to Improve Cardiac Function after Myocardial Infarction in Dyslipidemic Mouse Model.** (Schumacher et al.; International Journal of Molecular Sciences 2021-05-22 DOI: 10.3390/ijms22115480)
2021	**Phosphatidylserine Supplementation as a Novel Strategy for Reducing Myocardial Infarct Size and Preventing Adverse Left Ventricular Remodeling.** (Schumacher et al.; International Journal of Molecular Sciences 2021-04-22 DOI: 10.3390/ijms22094401)
2021	**Apolipoprotein E4 Is Associated with Right Ventricular Dysfunction in Dilated Cardiomyopathy—An Animal and In-Human Comparative Study.** (Diaconu et al.; 2021-09-07 DOI: 10.3390/ijms22189688)