

List of our full text publications based on microcirculatory measurements using laser scanning confocal microscopy

1. Bari G, Szűcs S, Érces D, Ugocsai M, Bozsó N, Balog D, Boros M, Varga G. Experimental model for cardiogenic shock with pericardial tamponade. *Magy Seb.* 2017 Dec;70(4):297-302. doi: 10.1556/1046.70.2017.4.1. Hungarian.
2. Striffler G, Tuboly E, Szél E, Kaszonyi E, Cao C, Kaszaki J, Mészáros A, Boros M, Hartmann P. Inhaled Methane Limits the Mitochondrial Electron Transport Chain Dysfunction during Experimental Liver Ischemia-Reperfusion Injury. *PLoS One.* 2016 Jan 7;11(1):e0146363. doi: 10.1371/journal.pone.0146363. eCollection 2016.
3. Érces D, Nógrády M, Varga G, Szűcs S, Mészáros AT, Fischer-Szatmári T, Cao C, Okada N, Okada H, Boros M, Kaszaki J. Complement C5a inhibition improves late hemodynamic and inflammatory changes in a rat model of nonocclusive mesenteric ischemia. *Surgery.* 2016 Mar;159(3):960-71. doi: 10.1016/j.surg.2015.10.020.
4. Varga R, Janovszky Á, Szabó A, Garab D, Bodnár D, Boros M, Neunzehn J, Wiesmann HP, Piffkó J. A novel method for in vivo visualization of the microcirculation of the mandibular periosteum in rats. *Microcirculation.* 2014 Aug;21(6):524-31. doi: 10.1111/micc.12128.
5. Tuboly E, Szabó A, Garab D, Bartha G, Janovszky Á, Erős G, Szabó A, Mohácsi Á, Szabó G, Kaszaki J, Ghyczy M, Boros M. Methane biogenesis during sodium azide-induced chemical hypoxia in rats. *Am J Physiol Cell Physiol.* 2013 Jan 15;304(2):C207-14. doi: 10.1152/ajpcell.00300.2012.
6. Kovács T, Varga G, Erces D, Tőkés T, Tizslavicz L, Ghyczy M, Vécsei L, Boros M, Kaszaki J. Comparative study of novel therapeutic possibilities in animal experimental model of inflammatory bowel disease. *Magy Seb.* 2012 Aug;65(4):191-7. doi: 10.1556/MaSeb.65.2012.4.4. Hungarian.
7. Kovács T, Varga G, Erces D, Tőkés T, Tizslavicz L, Ghyczy M, Boros M, Kaszaki J. Dietary phosphatidylcholine supplementation attenuates inflammatory mucosal damage in a rat model of experimental colitis. *Shock.* 2012 Aug;38(2):177-85. doi: 10.1097/SHK.0b013e31825d1ed0.