

List of our full text publications based on microcirculatory measurements using fluorescence intravital microscopy

1. Járomi P, Garab D, Hartmann P, Bodnár D, Nyíri S, Sántha P, Boros M, Jancsó G, Szabó A. Capsaicin-induced rapid neutrophil leukocyte activation in the rat urinary bladder microcirculatory bed. *Neurourol Urodyn*. 2017 Aug 1. doi: 10.1002/nau.23376.
2. Pócs L, Janovszky Á, Garab D, Terhes G, Ocsovszki I, Kaszaki J, Boros M, Piffkó J, Szabó A. Estrogen-dependent efficacy of limb ischemic preconditioning in female rats. *J Orthop Res*. 2017 May 31. doi: 10.1002/jor.23621.
3. Janovszky Á, Szabó A, Varga R, Garab D, Boros M, Mester C, Beretka N, Zombori T, Wiesmann HP, Bernhardt R, Ocsovszki I, Balázs P, Piffkó J. Periosteal microcirculatory reactions in a zoledronate-induced osteonecrosis model of the jaw in rats. *Clin Oral Investig*. 2015 Jul;19(6):1279-88. doi: 10.1007/s00784-014-1347-6.
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. Bajory Z, Varga R, Janovszky Á, Pajor L, Szabó A. Microcirculatory effects of selective endothelin-A receptor antagonism in testicular torsion. *J Urol*. 2014 Dec;192(6):1871-7. doi: 10.1016/j.juro.2014.06.086.
6. 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.
7. Járomi P, Szabó A, Garab D, Bodnár D, Uhercsák G, Boros M, Hartmann P. Experimental studies on microcirculatory inflammatory reactions of the urinary bladder. *Magy Seb*. 2012 Aug;65(4):184-90. doi: 10.1556/MaSeb.65.2012.4.3. Hungarian.
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9. Eros G, Hartmann P, Berkó S, Csizmazia E, Csányi E, Sztojkov-Ivanov A, Németh I, Szabó-Révész P, Zupkó I, Kemény L. A novel murine model for the in vivo study of transdermal drug penetration. *ScientificWorldJournal*. 2012;2012:543536. doi: 10.1100/2012/543536.
10. Hartmann P, Erős G, Varga R, Kaszaki J, Garab D, Németh I, Rázga Z, Boros M, Szabó A. Limb ischemia-reperfusion differentially affects the periosteal and synovial microcirculation. *J Surg Res*. 2012 Nov;178(1):216-22. doi: 10.1016/j.jss.2012.03.001.
11. Hartmann P, Varga R, Zobolyák Z, Héger J, Csosz B, Németh I, Rázga Z, Vízler C, Garab D, Sántha P, Jancsó G, Boros M, Szabó A. Anti-inflammatory effects of limb ischaemic preconditioning are mediated by sensory nerve activation in rats. *Naunyn Schmiedebergs Arch Pharmacol*. 2011 Feb;383(2):179-89. doi: 10.1007/s00210-010-0588-4
12. Szabó A, Hartmann P, Varga R, Jánvári K, Lendvai Z, Szalai I, Gomez I, Varga G, Greksa F, Németh I, Rázga Z, Keresztes M, Garab D, Boros M. Periosteal microcirculatory action of chronic estrogen supplementation in osteoporotic rats challenged with tourniquet ischemia. *Life Sci*. 2011 Jan 17;88(3-4):156-62. doi: 10.1016/j.lfs.2010.11.004.
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