

Student publications 2010 through 2014

[Complement expression in the retina is not influenced by short-term pressure elevation.](#)

Astafurov K¹, Dong CQ², Panagis L¹, Kamthan G³, Ren L¹, Rozenboym A⁴, Perera TD⁵, Coplan JD⁶, Danias J⁷. *Mol Vis.* 2014 Jan 31;20:140-52. eCollection 2014.

[Vagal control of cardiac electrical activity and wall motion during ventricular fibrillation in large animals.](#)

Naggar I, Nakase K, Lazar J, Saliccioli L, Selesnick I, Stewart M.
Auton Neurosci. 2014 Jul;183:12-22.

[Quantitative video laryngoscopy to monitor recovery from recurrent laryngeal nerve injury in the rat.](#)

Mor N, **Naggar I**, Das O, Nakase K, Silverman JB, Sundaram K, Stewart M, Kollmar R.
Otolaryngol Head Neck Surg. 2014 May;150(5):824-6.

[Relation of autonomic and cardiac abnormalities to ventricular fibrillation in a rat model of epilepsy.](#)

Naggar I, Lazar J, Kamran H, Orman R, Stewart M.
Epilepsy Res. 2014 Jan;108(1):44-56.

[Determination of heart rate variability with an electronic stethoscope.](#)

Kamran H, **Naggar I**, Oniyuke F, Palomeque M, Chokshi P, Saliccioli L, Stewart M, Lazar JM.
Clin Auton Res. 2013 Feb;23(1):41-7

[\$\omega\$ -3 Fatty Acids Prevent Hepatic Steatosis, Independent of PPAR- \$\alpha\$ Activity, in a Murine Model of Parenteral Nutrition-Associated Liver Disease.](#)

Prince E, Lazare FB, Treem WR, Xu J, Iqbal J, Pan X, **Josekutty J**, Walsh M, Anderson V, Hussain MM, Schwarz SM.
JPEN J Parenter Enteral Nutr. 2013 Jun 11;38(5):608-616. [Epub ahead of print]

[Microsomal triglyceride transfer protein inhibition induces endoplasmic reticulum stress and increases gene transcription via Irf1/cJun to enhance plasma ALT/AST.](#)

Josekutty J, Iqbal J, Iwawaki T, Kohno K, Hussain MM.
J Biol Chem. 2013 May 17;288(20):14372-83. doi: 10.1074/jbc.M113.459602. Epub 2013 Mar 26.

[Measurement of the phospholipase activity of endothelial lipase in mouse plasma.](#)

Basu D, Lei X, **Josekutty J**, Hussain MM, Jin W.
J Lipid Res. 2013 Jan;54(1):282-9. doi: 10.1194/jlr.D031112. Epub 2012 Oct 26.

[Use of frontal lobe hemodynamics as reinforcement signals to an adaptive controller.](#)

DiStasio MM, Francis JT.
PLoS One. 2013 Jul 22;8(7):e69541. doi: 10.1371/journal.pone.0069541. Print 2013.

[Dysregulation of ubiquitin-proteasome pathway and apolipoprotein A metabolism in sickle cell disease-related pulmonary arterial hypertension.](#)

Anjum F, Lazar J, **Soh J**, Albitar M, Gowda S, Hussain MM, Wadgaonkar R.
Pulm Circ. 2013 Dec;3(4):851-5

[Supplementary site interactions are critical for the regulation of microsomal triglyceride transfer protein by microRNA-30c.](#)

Soh J, Hussain MM.
Nutr Metab (Lond). 2013 Sep 4;10(1):56. doi: 10.1186/1743-7075-10-56

[MicroRNA-30c reduces hyperlipidemia and atherosclerosis in mice by decreasing lipid synthesis and lipoprotein secretion.](#)

Soh J, Iqbal J, Queiroz J, Fernandez-Hernando C, Hussain MM.
Nat Med. 2013 Jul;19(7):892-900

[Regional vulnerability in Huntington's disease: fMRI-guided molecular analysis in patients and a mouse model of disease.](#)

Lewandowski NM, Bordelon Y, Brickman AM, Angulo S, **Khan U**, Muraskin J, Griffith EY, Wasserman P, Menalled L, Vonsattel JP, Marder K, Small SA, Moreno H.
Neurobiol Dis. 2013 Apr;52:84-93.

[An electric field model for prediction of somatosensory \(S1\) cortical field potentials induced by ventral posterior lateral \(VPL\) thalamic microstimulation.](#)

Choi JS, **DiStasio MM**, Brockmeier AJ, Francis JT.
IEEE Trans Neural Syst Rehabil Eng. 2012 Mar;20(2):161-9. doi: 10.1109/TNSRE.2011.2181417. Epub 2011 Dec 23

[PKM \$\zeta\$ is necessary and sufficient for synaptic clustering of PSD-95.](#)

Shao CY, **Sondhi R**, van de Nes PS, Sacktor TC.
Hippocampus. 2012 Jul;22(7):1501-7.

[R6/2 Huntington's disease mice develop early and progressive abnormal brain metabolism and seizures.](#)

Cepeda-Prado E, Popp S, **Khan U**, Stefanov D, Rodríguez J, Menalled LB, Dow-Edwards D, Small SA, Moreno H.
J Neurosci. 2012 May 9;32(19):6456-67. doi: 10.1523/JNEUROSCI.0388-12.2012.

[Autonomic boundary conditions for ventricular fibrillation and their implications for a novel defibrillation technique.](#)

Naggar I, Uchida S, Kamran H, Lazar J, Stewart M.
J Physiol Sci. 2012 Nov;62(6):479-92

[Optimizing microstimulation using a reinforcement learning framework.](#)

Brockmeier AJ, Choi JS, **Distasio MM**, Francis JT, Príncipe JC.
Conf Proc IEEE Eng Med Biol Soc. 2011;2011:1069-72. doi: 10.1109/IEMBS.2011.6090249.

[Silencing of the F11R gene reveals a role for F11R/JAM-A in the migration of inflamed vascular smooth muscle cells and in atherosclerosis.](#)

Azari BM, Marmur JD, Salifu MO, Cavusoglu E, Ehrlich YH, Kornecki E, Babinska A.
Atherosclerosis. 2010 Sep;212(1):197-205.

[Diet-induced lipid accumulation in phospholipid transfer protein-deficient mice: its atherogenicity and potential mechanism.](#)

Yeang C, Qin S, Chen K, Wang DQ, Jiang XC.
J Lipid Res. 2010 Oct;51(10):2993-3002. doi: 10.1194/jlr.M007088. Epub 2010 Jun 11.

[Distinctions between persistent and reversible group I mGluR-induced epileptiform burst prolongation.](#)

Fuortes MG, **Rico MJ**, Merlin LR.
Epilepsia. 2010 Aug;51(8):1633-7.