

Edward E. Morrison, PhD

Selected Publications

Dennis JC, Aono S, Vodyanoy VJ, **Morrison EE**. Morphology and functional anatomy of the mammalian nasal cavity. In: Handbook of Olfaction and Gustation, 3rd ed, Richard L. Doty, 2014.

Jia H, Pustovyy OM, Waggoner P, Beyers RJ, Schumacher J, Wildey C, Barrett J, **Morrison E** Salibi N, Denney TS, Vodyanoy VJ, Deshpande G. Functional MRI of the olfactory system in conscious dogs. PLoS One 9:e86362, 2014.

Kyathanahally SP, Jia H, Pustovyy OM, Waggoner P, Beyers R, Schumacher J, Barrett J, **Morrison EE**, Salibi N, Denney TS, Vodyanoy VJ, Deshpande G. Anterior-posterior dissociation of the default mode network in dogs. Brain Structure and Function 1-14, 2014.

Moore CH, Pustovyy O, Dennis JC, Moore T, **Morrison EE**, Vodyanoy VJ. Olfactory responses to explosives associated odorants are enhanced by zinc nanoparticles. Talanta 88:730-733, 2012.

Smith TD, Dennis JC, Bhatnagar KP, Bonar CJ, **Morrison EE**. Olfactory marker protein expression in the vomeronasal neuroepithelium of tamarins (*Saguinus spp*). BRES-D-10-01464, 2011.

Moore CH, Pustovyy O, Dennis JC, Moore T, **Morrison EE**, Vodyanoy V. Olfactory responses to explosives associated odorants are enhanced by zinc nanoparticles. Talanta 88:730-733, 2011.

Viswaprakash N, Josephson EM, Dennis JC, Yilma S, **Morrison EE**, Vodyanoy VJ. Odorant response kinetics from cultured mouse olfactory epithelium at different ages in vitro. Cells Tissues Organs 192:361-373, 2010.

Craven B, Neuberger T, Paterson E, Weleb A, Josephson E, **Morrison EE**, Settles G. Reconstruction and morphometric analysis of the nasal airway of the dog (*Canine familiaris*) and implications regarding olfactory airflow. Anat Rec 290:1325-1340, 2007.

Shi J, Aono S, Lu W, Ouellette A, Ji Y, Wang L, Lenz S, Dykstra C, **Morrison EE**, Elson C. A novel role for defensins in intestinal homeostasis: regulation of IL-1B secretion. J Immunol 179:124-1253, 2007.

Smith TD, Alport LJ, Burrows AM, Bhatnagar KP, Dennis JC, Tuladhar P, **Morrison EE**. Perinatal size and maturation of the olfactory and vomeronasal neuroepithelia in Lorisoidea and Lemuroidea. American Journal of Primatology 69:74-85, 2007.

Dennis JC, Coleman ES, Swyers SE, Moody SW, Wright JC, Judd R, **Morrison EE**. An immunochemical study of GFAP expression in the olfactory bulb and mitosis in the sensory epithelium of streptozotocin-induced diabetic rats. J Neurocytol 35:3-10, 2005.

Dennis JC, Eward WC, **Morrison EE**. Immunohistochemistry analysis of the canine vomeronasal organ. *J Anatomy* 203:329-338, 2003.

Sinnarajah S, Dessauer CW, Srikumar D, Chen J, Yuen J, Dennis J, Yilma S, **Morrison EE**, Vodyanoy V, Kehrl JH. RGS2 inhibits Gs signaling by impairing activation of type III, V, and VI adenylyl cyclases. *Nature* 409:1051-1055, 2001.