

Dr. Thomas Eddinger's Publications

- 2009** Eddinger, T.J. Unique contractile and structural protein expression in dog ileal inner circular smooth muscle. *J. Smooth Muscle Research*, 45: 217-230, 2009
- 2008** Govindaraju, S.R., J.L. Bain, T.J. Eddinger and D.A. Riley. 2008. Vibration causes acute vascular injury in a two-step process: vasoconstriction and vacuole disruption. *Anat. Record*, 291:999-1006.
- 2007** Eddinger, T.J., D.P. Meer, A.S. Miner, J.T. Meehl, A.S. Rovner, and P.H. Ratz. 2007. Potent inhibition of Arterial smooth muscle tonic contractions by the selective myosin II inhibitor, Blebbistatin. *J. Pharmacol. Exp. Ther.*, 2007 320: 865-870.
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- Eddinger, T.J., J.D. Schiebout and D.R. Swartz. 2007. Adherens junction associated protein distribution differs in smooth muscle tissue and acutely isolated cells. *Am. J. Phys. Gastro. Liver Physiol.*, 292:G684-G697.
- 2006** Han, S., J.E. Speich, T.J. Eddinger, K.M. Berg, A.S. Miner, C. Call, and P.H. Ratz. 2006. Evidence for absence of latchbridge formation in muscular saphenous artery. *Am. J. Physiol. Heart Circ. Physiol.*, 291:H138-H146.
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- 2005** Eddinger, T.J., J.D. Schiebout, and D.R. Swartz. 2005. Smooth muscle adherens junctions associated proteins are stable at the cell periphery during relaxation and activation. *Am. J. Physiol. Cell Physiol.*, 289:C1379-1387.
- 2004** Wahl, M., T.J. Eddinger and C.M. Hai. 2004. Sinusoidal Length Oscillation- and Receptor-mediated mRNA Expression of Myosin Isoforms and α -SM Actin in Airway Smooth Muscle. *Am. J. Physiol. Cell Physiol.* 287:C1697-1708.
- 2002** Parisi, J.A., and T.J. Eddinger. 2002. Smooth muscle myosin heavy chain isoform distribution in the swine stomach. *J. Histochem. Cytochem.*, 50(3):385-393.
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- Ratz, P.H., J.T. Meehl and T.J. Eddinger. 2002. RhoA kinase and protein kinase C participate in regulation of rabbit stomach fundus smooth muscle contraction. *British J. Pharmacol.* 137: 983-992.
- 2001** Eddinger, T.J. and D.P. Meer. 2001. Single rabbit stomach smooth muscle cell myosin heavy chain SMB expression and shortening velocity. *Am. J. Physiol. Cell Physiol.* 280:C309-C316.

- 2000** Eddinger, T.J., Korwek, A.A., Meer, D.P. and Sherwood, J.J. 2000. Expression of smooth muscle myosin light chain 17 isoforms and unloaded shortening in single smooth muscle cells. *Am. J. Physiol. Cell Physiol.* 278:C1133-1142.
- 1998-99** Eddinger, T.J. 1998. Myosin heavy chain isoforms and dynamic contractile properties: Skeletal vs. smooth muscle. *Comp. Biochem. Physiol. (B)*, 119:425-434.
- 1997-98** Eddinger, T.J. and P.H. Ratz. 1997. Alpha-adrenoceptor activation induces rhythmic contractile activity in carotid arteries from young, not adult rats. *Acta Physiol. Scand.* 159:123-125.
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- 1996-97** Meer, D.P. and T.J. Eddinger. 1996. Heterogeneity of smooth muscle myosin heavy chain expression at the single cell level. *Am. J. Physiol.*, 270:C1819-1824.
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- 1992-93** Tsao, A.E. and T.J. Eddinger. 1993. Smooth muscle myosin heavy chains combine to form three myosin isoforms. *Am. J. Physiol.*, 264:H1653-H1662.
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- 1990-91** Eddinger, T.J. and R.A. Murphy. 1991. Developmental changes in actin and myosin heavy chain isoform expression in smooth muscle. *Arch. Biochem. Biophys.*, 284:232-237.
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