

Ann Schueren Norton Biographical Sketch

Professional Preparation

Montana State University, Bozeman, MT	Zoology	B.S., 1979
University of Idaho, Moscow, ID	Interdisciplinary (Zoology, Botany, Microbiology)	M.S., 1983
	Mentor: Dr. Mark DeSantis	

Appointments

Dec 2012 – present	Director, IBEST Optical Imaging Core, University of Idaho, Moscow, ID.
2005 – Dec 2012	Research Associate, Manager of Imaging Cores, University of Idaho, Moscow, ID.
1988-2005	Research Associate, WWAMI Medical Program, Laboratory of Dr. Michael Laskowski, University of Idaho, Moscow, ID.
1985-1988	Project Associate, Botany Department, Laboratory of Dr. Vincent Franceschi, Washington State University, Pullman, WA.
1980-1983	Research Assistant, Electron Microscopy Center, University of Idaho, Moscow, ID.

Refereed Publications

Loftie-Eaton, W, Tucker A, **Norton, A**, Top, EM. 2014. Flow cytometry and real-time quantitative PCR as tools for assessing plasmid persistence. *Applied and Environmental Microbiology* 80(17):5439-5446.

Archarya S, Peters AM, **Norton AS**, Murdoch GK, Hill RA. 2013. Change in Nox4 expression is accompanied by changes in myogenic marker expression in differentiating C2C12 myoblasts. *Pflugers Archiv – European Journal of Physiology* 465(8):1181-1196.

Wang G, **Norton AS**, Pokharel D, Song Y, Hill RA. 2013. KDEL peptide gold nanoconstructs: promising nanoplatforams for drug delivery. *Nanomedicine-Nanotechnology Biology and Medicine* 9(3):366-374

- Potluri S, Lampa SJ, **Norton AS**, Laskowski MB. 2006. Morphometric analysis of neuromuscular topography in the serratus anterior muscle. *Muscle & Nerve* 33: 398-408
- Lampa SJ, Potluri S, **Norton AS**, Fusco W, Laskowski MB. 2004. Ephrin-A5 overexpression degrades topographic specificity in the mouse gluteus maximus muscle. *Developmental Brain Research* 153(2):271-274
- Lampa, SJ, Potluri S, **Norton AS**, Laskowski MB. 2004. A morphological technique for exploring neuromuscular topography expressed in the mouse gluteus maximus muscle. *Journal of Neuroscience Methods* 138(1-2):51-56
- Wang H, Chadaram SR, **Norton AS**, Laskowski MB. 2001. Development of inhibition by ephrin-A5 on outgrowth of embryonic spinal motor neurites. *J Neurobiol* 47:233-243.
- Wang H, Chadaram SR, **Norton AS**, Lewis R, Boyum J, Trumble W, Sanes JR, Laskowski MB. 1999. Positionally selective growth of embryonic spinal cord neurites on muscle membranes. *J. Neuroscience* 19(12):2984-4993.
- DeSantis M, Berger PK, Laskowski MB, **Norton AS**. 1992. Regeneration by skeletomotor axons in neonatal rats is topographically selective at an early stage of reinnervation. *Experimental Neurology* 116(3):229-239.
- Laskowski MB, **Norton AS**, Berger, PK. 1991. Branching patterns of the rat phrenic nerve during development and reinnervation. *Experimental Neurology* 113(2):212-220.
- Franceschi VR, **Schueren AM**. 1986. Incorporation of strontium into plant calcium-oxalate crystals. *Protoplasma* 130(2-3):199-205.
- Schueren AM**, DeSantis M. 1985. Cellular heterogeneity in the ependymal layer of the chicken's lumbosacral spinal cord. *Experimental Neurology* 87(2):387-391.

Professional Memberships:

- Association of Biomolecular Resource Facilities (ABRF)
- Western Association of Core Directors (WACD), current president
- Microscopy Society of America