



Thomas Blankenship, Ph.D.

Clinical Interests	Thomas Blankenship's research interests include blastocyst implantation into the uterus and placental development. He's also interested in invasion of the uterus and endometrial blood vessels by fetal trophoblast cells.
Title	Associate Project Scientist
Specialty	Cell Biology and Human Anatomy
Department	Cell Biology and Human Anatomy
Division	Cell Biology and Human Anatomy

Select Recent Publications	<p>Blankenship, T.N., A.C. Enders. Modification of uterine vasculature during pregnancy in macaques. <i>Microscopy Research and Technique</i>. 60:390-401.</p> <p>Carter, A.M., T.N. Blankenship, H. Kuenzle, A.C. Enders. Structure of the definitive placenta of the primitive afrotherian tenrec, <i>Echinops telfairi</i>. <i>Placenta</i>, in press.</p> <p>DePianto, D.J., T.N. Blankenship, J.F. Hess, P.G. FitzGerald. Analysis of non-crystallin lens fiber cell gene expression in c-Maf ^{-/-} mice. <i>Molecular Vision</i>, 9:288-294.</p> <p>Alizadeh, A., J. Hess, J.L. Clark, T. Seeberger, T. Blankenship, P. FitzGerald. Targeted deletion of the lens fiber cell-specific intermediate filament protein filensin. <i>Investigative Ophthalmology & Visual Science</i>, in press.</p> <p>Alizadeh, A., J. Hess, J.L. Clark, T. Seeberger, T. Blankenship, P. FitzGerald. Targeted deletion of the lens fiber cell-specific intermediate filament protein filensin. <i>Investigative Ophthalmology & Visual Science</i>. In Press.</p> <p>Blankenship TN, Enders AC. Expression of platelet-endothelial cell adhesion molecule-1 (PECAM) by macaque trophoblast cells during invasion of the spiral arteries. <i>Anatomical Record</i> 1997; 247: 413-419.</p> <p>Blankenship TN, Enders AC. Trophoblast cell-mediated modifications to uterine spiral arteries during early gestation in the macaque. <i>Acta Anatomica</i> 1997; 158: 227-236.</p> <p>Enders AC, Blankenship TN. Modification of endometrial arteries during invasion by cytotrophoblast cells in the pregnant macaque. <i>Acta Anatomica</i> 1997; 159: 169-193.</p> <p>Blankenship TN, King BF. Macaque intra-arterial trophoblast and extravillous trophoblast of the cell columns and cytotrophoblastic shell express neural cell adhesion molecule (NCAM). <i>Anatomical Record</i> 1996; 245: 525-531.</p>
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Blankenship TN, Peterson PE, Hendrickx AG. Emigration of neural crest cells from macaque optic vesicles is correlated with discontinuities in its basement membrane. *Journal of Anatomy (London)* 1996; 188: 473-483.

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