JAMES G. TRUSLOW

Boston University
Department of Biomedical Engineering
44 Cummington Street
Boston, MA 02215
(617) 417-4062
j.g.truslow@gmail.com

EDUCATION

Ph.D., Biomedical Engineering, Boston University (2008 - 2011)
M.S., Biomedical Engineering, Boston University (2005 - 2008)
Post-baccalaureate engineering program, Boston University (2004 - 2005)
B.A., Physics, Oberlin College (1996 - 2000)

POSITIONS HELD

Postdoctoral Research Assistant, Boston University (2011 - present)
Graduate Research Assistant, Boston University (2006 - 2011)
Validation Engineer, Validation and Testing Services, Inc. (2003 - 2004)

PUBLICATIONS

Truslow, J.G. & Tien, J., Perfusion systems that minimize vascular volume fraction in engineered tissues. *Biomicrofluidics*, in press

Price, G.M., Wong, K.H.K., Truslow, J.G., Leung, A.D., Acharya, C., & Tien, J., Effect of mechanical factors on the function of engineered human blood microvessels in microfluidic collagen gels. *Biomaterials*, **2010**, *24*, 6182-6189.

Wong, K.H.K., Truslow, J.G., & Tien, J., The Role of cyclic AMP in normalizing the function of engineered human microvessels in microfluidic collagen gels. *Biomaterials* **2010**, *17*, 4706 - 4714.

Truslow, J.G., Price, G.M. & Tien, J., Computational design of drainage systems for vascularized scaffolds. *Biomaterials* **2009**, *30*, 4435□4443.

Price, G.M., Chu, K.K., Truslow, J.G., Tang□Schomer, M.D., Golden, A.P., Mertz, J. & Tien, J., Bonding of macromolecular hydrogels using perturbants. *J. Am. Chem. Soc.* **2008**, *130*, 6664□6665.

COURSES TAUGHT

Fall 2009: EK-424 Thermodynamics (graduate teaching fellow)

CONFERENCES AND PRESENTATIONS

"Vascular Designs that Maintain Transmural Pressure in Engineered Microvascular Tissue" Biomedical Engineering Society Annual Meeting (St. Louis, MO; 2008)

"The Sealing Effect and Its Implications for Microvascular Tissue Engineering" Boston University Symposium on Quantitative Biology and Physiology (Boston, MA; 2007)