

ANNOUNCEMENT

Note From the Editors

Prospects and Viewpoints published in the March and April issues of the Journal (Volume 45, Numbers 3 and 4) have presented biochemical aspects of the emerging tissue engineering field. Many developments in tissue engineering present parallel challenges in biochemical or biomaterial engineering. The following list describes articles of this nature which will appear in the May issue of the *Journal of Biomechanical Engineering*. This list is being published as a service to our readers.

Tissue Engineering: A Brief Overview, Richard Skalak and Fred G. Heineken.

Recipes for Reconstituting Skin, Eugene Bell, Mireille Rosenberg, Paul Kemp, Roger Gay, Graham D. Green, Neelakandan Muthukumaran, and Cynthia Nolte.

Optimization of Human Endothelial Cell Attachment to Vascular Graft Polymers, Bruce E. Jarrell, Stuart K. Williams, Debbie Rose, Dina Garlbaldi, Carolyn Talbot, and Barbara Kapelan.

Tissue Engineering by Cell Transplantation Using Degradable Polymer Substrates, Linda Cima, Joseph P. Vacanti, Charles Vacanti, Donald Ingber, David Mooney, and Robert Langer.

Hematopoiesis on Suspended Nylon Screen-Stromal Cell Environments, Brian A. Naughton, Amin Tjota, Benson Sibanda, and Gail Naughton.

Effects of Pulsatile Flow on Cultured Vascular Endothelial Cell Morphology, Gabriel Helmlinger, Robert V. Geiger, Stefan Schreck, and Robert M. Nerem.

Recent Progress in Bone Induction by Osteogenin and Bone Morphogenetic Proteins: Challenges for Biomechanical and Tissue Engineering, A. Harry Reddi and Noreen S. Cunningham.

Candidates for the Mechanosensory System in Bone, Stephen C. Cowin, Letty Moss-Salentijn, and Melvin L. Moss.

Experimental Studies on Repair of Large Osteochondral Defects at a High Weight Bearing Area of the Knee Joint: A Tissue Engineering Study, Van C. Mow, Anthony Ratcliffe, Melvin P. Rosenwasser, and Joseph A. Buckwalter.

Endothelialization of the Luminal Sac in Artificial Cardiac Prostheses: A Challenge for Both Biologists and Engineers, Peter I. Leikes and Mark M. Samet.

Bioengineering in Development of the Hybrid Artificial Pancreas, Clark K. Colton and Efstathios S. Avgoutiniatos.

Semipermeable Polymer Tubes Provide a Microenvironment for In Vivo Analysis of Dorsal Root Regeneration, Jonathan H. Lustgarten, Mark Proctor, Raymond I. Haroun, Anthony M. Avellino, and Michel Kliot.

Transplantation of Polymer Encapsulated Neurotransmitter Secreting Cells: Effect of the Encapsulation Technique, Patrick Aebischer, Shelley R. Winn, Patrick A. Tresco, Christine B. Jaeger, and Lloyd A. Greene.