

# CorNotes

## RECENT PUBLICATIONS FROM THE CVI

Li, Y.X., Shiels, A.J., Maszak, G., Byron, K.L. Vasopressin-stimulated  $Ca^{2+}$  spiking in vascular smooth muscle cells involves phospholipase D. *Am. J. Physiol. Heart Circ.Physiol.* 280(6):H2658-H2664, 2001.

Griffin, K.A., Picken, M., Bakris, G.L., Bidani, A.K. Comparative effects of selective T- and L-type calcium channel blockers in the remnant kidney model. *Hypertension* 37(5):1268-1272, 2001.

## CVI SEMINAR SERIES

The next CVI seminar will be held on **Thursday, July 19, 2001 at 4:00 p.m.** in the Medical Education Building, **Room 460 (NOTE ROOM CHANGE)**. Our speaker is:

**Philip Best, Ph.D.**  
**Professor of Molecular and Integrative Physiology**  
**University of Illinois at Urbana-Champaign**

The title of Dr. Best's talk is:

**"Expression of Calcium Channel Subunits in the Heart"**

For further information, contact Dr. Leanne Cribbs at x72817.

## CVI JOURNAL CLUB

July 12.....Dr. Makinde  
 July 26.....Dr. Cribbs

For further information, contact Dr. Ken Byron at x72819.



## CVI FACULTY MAKE THE COVER OF NIPS!

Check out the cover of the June 2001 issue of *News in Physiological Sciences*. It features an article by Physiology Department and CVI faculty members Drs. Stephen L. Lipsius and Lothar Blatter concerning the mechanism of atrial pacemaker activity in the heart. The paper summarizes recent experiments by the Lipsius-Blatter team which implicate T-type  $Ca^{2+}$  channel current,  $Ca^{2+}$  sparks, and  $Na^+-Ca^{2+}$  exchange in the development of spontaneous action potentials in pacemaker cells. The cover photo depicts simultaneous confocal line scan images of subsarcolemmal  $Ca^{2+}$  concentration and an electrophysiological recording of diastolic depolarization in a spontaneously beating, latent atrial pacemaker cell. Dr. Jorg Huser, former CVI member and Research Assistant Professor in Physiology was co-author along with Lipsius and Blatter.

