

CorNotes

CVI SEMINAR SERIES

The next CVI seminar will be held on **Thursday, June 15, 2006 at 4:00 pm** in **The Van Kampen Conference Center, Building 110, Room 6274**. Our speaker is:

Heinrich Taegtmeyer, M.D., D. Phil.
Professor of Medicine
University of Texas-Houston Medical School
Houston, TX

The title Dr. Taegtmeyer's talk is:

"Molecular Responses of the Failing Heart to Mechanical Unloading"

For further information about the CVI Seminar Series, contact Dr. Leanne Cribbs at x72817.

CVI JOURNAL CLUB

June 8.....Dr. Hoppensteadt
 June 22.....Dr. Islamovic

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

CARDIOLOGY – CVI RESEARCH DIVISION BASIC SCIENCE SEMINAR

The Cardiology Division and the CVI Research Division are sponsoring a series of joint seminars by Loyola Faculty. The following seminar is scheduled:

June 16.....Dr. Allen Samarel

The title of Dr. Samarel's talk is:

"Preclinical Studies of T3 and Treatment of Cardiac Disease"

For further information, contact Dr. Samarel at x72821

RECENT PUBLICATIONS FROM THE CVI

Mukherjee, D., Topol, E.J., Moliterno, D.J., Brennan, D.M., Ziada, K., Cho, L., Steinhubl, S.R., CREDO Investigators. Extracardiac vascular disease and effectiveness of sustained clopidogrel treatment. *Heart* 92(1):49-51, 2006.

Liu, J.B., Chen, Q.H., Huang, W., Horak, K.M., Zheng, H.Q., Mestrl, R., Wang, X.J. Impairment of the ubiquitin-proteasome system in desminopathy mouse hearts. *FASEB J.* 19(14):NIL909-NIL926, 2005.

Ji, Y., Zhao, W., Li, B.L., Desantiago, J., Picht, E., Kaetzel, M.A., Schultz, J.E., Kranias, E.G., Bers, D.M., Dedman, J.R. Targeted inhibition of sarcoplasmic reticulum CaMKII activity results in alterations of Ca²⁺ homeostasis and cardiac contractility. *Am. J. Physiol. Heart Circ. Physiol.* 290(2):H599-H606, 2006.

Holinstat, M., Knezevic, N., Broman, M., Samarel, A.M., Malik, A.B., Mehta, D. Suppression of RhoA activity by focal adhesion kinase-induced activation of p190RhoGAP - Role in regulation of endothelial permeability. *J. Biol. Chem.* 281(4):2296-2305, 2006.

Kohlhaas, M., Zhang, T., Seidler, T., Zibrova, D., Dybkova, N., Steen, A., Wagner, S., Chen, L., Brown, J.H., Bers, D.M., Maier, L.S. Increased sarcoplasmic reticulum calcium leak but unaltered contractility by acute CaMKII overexpression in isolated rabbit cardiac myocytes. *Circ.Res.* 98(2):235-244, 2006.

Ginsburg, K.S., Bers, D.M. Isoproterenol does not enhance Ca-dependent Na/Ca exchange current in intact rabbit ventricular myocytes. *J. Mol. Cell. Cardiol.* 39(6):972-981, 2005.

TRITON TIMI-38 TRIAL

Dr. Fred Leya of the section of Interventional Cardiology is the principal investigator conducting the TRITON TIMI-38 clinical trial on behalf of Eli Lilly.

TRITON TIMI-38 is a multi-center randomized trial developing prasugrel as a possible treatment for patients with acute coronary syndrome (heart attack or chest pain) who need, or are expected to need, a percutaneous coronary intervention (PCI; also called a balloon angioplasty). Prasugrel will be compared with clopidogrel to determine which drug is better at reducing deaths, future heart attacks, or stroke.

Patients with ACS (UA or NSTEMI with TIMI risk score > 3) undergoing PCI are randomized to CS-747 (loading dose followed by maintenance dose) versus clopidogrel (loading dose followed by maintenance dose), and the drugs are continued for one year. The patients will receive one active drug and one placebo for double-blind treatment. 13,000 patients will be randomized. The primary endpoint is MACE (death, MI or CVA) at 12 months.

CS-747 is a novel thienopyridine that achieves quicker and more complete platelet inhibition compared with clopidogrel. CS-747 was shown to be safe with trends for better outcomes compared with clopidogrel in the JUMBO Trial.

For more information or to alert the Interventional Cardiology team of potential participants, please contact the project's coordinator, Katie Small, at 708-327-2761.

SUMMER OUTREACH STUDENTS

Once again, CVI faculty will be sponsoring summer research rotations by Loyola medical students. In addition, we are sponsoring undergraduates from around the country. Welcome all to the CVI!

Listed below are the names of the participants and their sponsors:

Student	School	Sponsor
Paul Ackerman	SSOM II	Dr. Jeske
William Hall	SSOM II	Dr. Samarel
Marissa Leya	St. Ignatius H.S.	Dr. Samarel
	Middlebury College	Dr. Cribbs
Jill Tydell	SSOM II	Dr. Walenga
Harriman	SSOM II	Dr. Prechel
Huml	Notre Dame Univ.	Dr. Martin
Sameer Shah	SSOM II	Dr. Akar