

RESEARCH DAYS 2005

The 2005 Research Days event was held July 28-29. Milton Packer, M.D. (Professor, Southwestern Medical School, Dallas; Gayle and Paul Stoffel Distinguished Chair in Cardiology; and Director, Center for Biostatistics and Clinical Science) delivered the keynote speech. Forty-eight posters were presented during the event; of these, forty-four were entered into the competition.

2005 Research Days Poster Winners

"Efficacy of Fluconazole Prophylaxis in Autologous Peripheral Blood Stem Cell Transplantation: Results of a Prospective, Randomized, Controlled, Multicenter, Open-Label Study"

Sachin Shah, PharmD¹, Tracey L Walsh, PharmD², Carlos Bachier, MD³, Paul Shaughnessy, MD³, Cesar O Freytes, MD², Natalie Callander, MD², C Fred LeMaistre, MD³, Michael Grimley, MD³ and Patrick Bradshaw, MS²

¹Texas Tech University HSC – School of Pharmacy, Dallas, Texas, ²Bone Marrow Transplantation, University of Texas Health Science Center, San Antonio and ³Bone Marrow Transplantation, Texas Transplant Institute, San Antonio, Texas USA

"The Accumulation of Forskolin in Cysts of Patients with Polycystic Kidney Disease"

William C. Putnam¹, Sarah M. Swenson¹, Gail Reif², Darren Wallace² and Jared J. Grantham²

¹ School of Pharmacy, Texas Tech University Health Sciences Center, Dallas, TX 75216

² University of Kansas School of Medicine, Kansas City, KS 66160

"Interaction Between Hyperleptinemia and Hypertension in Obese Aged Rats"

Eugene W. Shek

Department of Pharmaceutical Sciences, School of Pharmacy, Texas Tech University Health Sciences Center, Amarillo, TX 79106

Amarillo Biomedical Research Internships Poster

"Method Development: Analysis of DIM in Human Plasma by LC/MS"

Karl Kashfi and William Putnam

Amarillo Biomedical Research Internship & Texas Tech University Health Sciences Center, School of Pharmacy, Dallas, TX

The **Graduate Student Association at Amarillo** also recognized outstanding graduate student posters by awarding scholarships to the following:

First Place Graduate Student Poster – Haritha Mandula

"Kinetic Analysis of Factors Influencing Restrictive vs. Nonrestrictive Plasma Protein Binding Effects on Brain Uptake"

H. Mandula, J. Parepally, R.Mehvar, and Q.R. Smith

Department of Pharmaceutical Sciences, Graduate School of Biomedical Sciences,
Texas Tech University Health Sciences Center, Amarillo, TX 79106

Second Place Graduate Student Poster – Katie Bennett

"Characterization of the low-affinity choline transporter and identification of two novel transporters, BOCT1 and BOCT2"

Katie Bennett, Laura Ngo, and James Stoll

Texas Tech School of Pharmacy, Amarillo TX

Third Place Graduate Student Poster – Nikhil Vad

"Structure-toxicity relationship of phenolic analogues as anti-melanoma agents: a drug metabolism drug design approach"

Nikhil M. Vad, Shana Ben-Poorat, Majid Y. Moridani

Department of Pharmaceutical Sciences, School of Pharmacy, Texas Tech University
Health Sciences Center, Amarillo, Texas, 79106

Faculty Podium Presentations

Two faculty members from each Department presented their research during the podium presentations:

Margaret Weis, Ph.D., Pharmaceutical Sciences

"Long chain fatty acyl CoA synthetases as therapeutic targets in brain and heart"

Michael Veronin, R.Ph., Ph.D., Pharmacy Practice

"'URL 404 File Not Found': Internet Reference Disappearance"

Kalkunte Srivenugopal, Ph.D., Pharmaceutical Sciences

"Discovery of MGMT as a New Player in the CDT1-Geminin Axis that Prevents Rereplication of Human Chromosomal DNA"

Anthony Busti, Pharm.D., BCPS, Pharmacy Practice

"A prospective evaluation of the effect of atazanavir on the QTc-interval and QTc-dispersion in HIV-positive patients"

The SOP Office of Research and the ad hoc Research Advisory Committee would like to extend a special thanks to Levi Kirwin with VWR International for providing the Roasters coffee at both poster sessions and breakfast.



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