2010 A.T. Still University Research Symposia

On October 9, 2010, the 2nd Annual Interdisciplinary Biomedical Research Symposium was held on the Kirksville campus. The symposium included several oral presentations and a poster session. A listing of the posters presented by A.T. Still University faculty and students is presented below.

The 2nd Annual Interdisciplinary Biomedical Research Symposium was once again a joint undertaking between A.T. Still University and Truman State University. Research faculty and students from both campuses participated, highlighting the interdisciplinary nature of the event. Eighty people attended the symposium and included 25 faculty members and 16 students from A.T. Still University and 10 faculty members and 18 students from Truman State University.

2nd Annual Interdisciplinary Biomedical Research Symposium Posters

Adatia NA, Sargentini NJ. Genetic control of recombinational repair in UV and X-irradiated Escherichia coli K-12.

Bubel J, Hovorka M, Middlemas D. Changes in brain derived neurotrophic factor levels during antidepressant drug-enhanced neurogenesis.

Budine TE, Chamberlain N, Singh V, Walston TD. C. elegans as a model for S. aureus virulence.

Cao T, Hicks M, Standley PR. Repetitive motion strain (RMS) induces human fibroblast (HF) sensitivity to nitric oxide (NO) in vitro: potential roles of myofascial release (MFR) in wound healing.


Degenhardt BF, Johnson JC. Osteopathic manipulation reduces pain and improves quality of life.

Degenhardt BF, Johnson JC, Yang Q, Pamperin K, Noll DR. Characterizing osteopathic manipulative techniques used in treating pneumonia during the MOPSE study.
Hadley ML, Rudolf J, Dale PS, Ruhlen R. Vitamin D and celecoxib in the prevention of breast cancer.

Hall RE, Zheng Y, Purcell ES. Does Alpha Stim® enhance vagal tone?

Heath DM, Makin IRS. Investigation of peripheral blood flow response to physical provocation tests including osteopathic digital pressure on vertebral segments.

Hicks M, Cao T, Standley PR. Fibroblast-derived mediators improve skeletal muscle differentiation in a strain-dependent manner.

Hovorka M, Bubel J, Middlemas D. Chronic fluoxetine treatment increases neurogenesis in an adolescent rat model.

Hovorka MS, Ewing DE, Middlemas DS. Confocal laser scanning microscopy at KCOM.

Lam KC, Snyder Valier A, Bay RC, Valovich McLeod TC. Identifying differences in health-related quality of life between adolescent athletes and the general adolescent population.

Losee J, Smith TJ, Sexton WL. Influence of fluvastatin treatment on skeletal muscle contractile function and blood flow in the rat.

Quinn NR, White RD, Chang Y. Effect of simvastatin on vascular induced neointimal formation.

Ramachandra R, McGrew S, Blais K, Yaroskyy V, Elmslie KS. Voltage-dependent sodium channels that mediate excitability of muscle afferents that generate the exercise pressor reflex.

Ramaraj P, Cox JL. Effect of Mifepristone (RU-486) on in-vitro melanoma cell growth and viability.

Smith TJ, Sexton WL. Contractile function during acute ischemia and reperfusion in rat skeletal muscle.

Snider KT, Snider EJ, Degenhardt BF, Johnson JC, Kribs JW. Palpatory accuracy of lumbar spinous processes using multiple bony landmarks.


Stuart MK, Richardson NC, Hiatt JL, Singh VK, Sargentini NJ. Analysis of proteins that co-precipitate with RadA/Sms in X-irradiated Escherichia coli.

Swaters LN, Degenhardt BF, Bird M, Houser JJ, Johnson JC, Shurtz N, Pamperin K. Muscle activation asymmetry in females with lower back pain during a step over functional task.

Thompson J, Cox J. Comparison of migration and flattening between rhoA and cystatin C overexpressing tumor cells.

White RD, Quinn NR, Chang Y. Development of suitable sample lysis buffers for use in ELISA.

Wilson CL, Baer RW. The role of caspase-8 in basal and stimulated melanoma migration.


Coming Soon!

The Arizona School of Health Sciences Research Symposium