2010 Annual Report: Articles Published

Industrial and Physical Pharmacy

- Stephen R. Byrn
  - Engers, David; Teng, Jing; Jimenez-Novoa, Jonathan; Gent, Philip; Hossack, Stuart; Campbell, Cheryl; Thomson, John; Ivanisevic, Igor; Templeton, Alison; Byrn, Stephen; et al., A solid-state approach to enable early development compounds: selection and animal bioavailability studies of an itraconazole amorphous solid dispersion. *Journal of Pharmaceutical Sciences* (2010), 99(9), 3901-3922.

- M. Teresa Carvajal


Raymond E. Galinsky


Mark A. Green


Stanley L. Hem


Noe, Stephanie M; Green, Mark A; HogenEsch, Harm; Hem, Stanley L. Mechanism of immunopotentiation by aluminum-containing adjuvants elucidated by the relationship between antigen retention at the inoculation site and the immune response. *Vaccine* 2010: 28(20):3588-94.

Gregory T. Knipp


James D. Litster


• Kinam Park

**Rodolfo Pinal**

**Daniel T. Smith**

**Lynne S. Taylor**


• Elizabeth M. Topp

• Yoon Yeo
Medicinal Chemistry and Molecular Pharmacology

- Eric L. Barker

- Donald E. Bergstrom
  - Pei-Sze Ng, Brian M. Laing, Ganeshes Balasundar, Maneesh Pingle, Alan Friedman, and Donald E. Bergstrom, "Synthesis and Evaluation of New Spacers for Use as dsDNA End Caps," Bioconjugate Chem. 2010, 21, 1545-1553.
  - Brian M. Laing, Peixuan Guo, and Donald E. Bergstrom, "Optimized Method for the Synthesis and Purification of Adenosine - Folic Acid Conjugates for use as Transcription Initiators in the Preparation of Modified RNA," Methods, 2010,
• Richard F. Borch

• Joseph L. Borowitz

• Chin-Jer Chang
  - Completed the revision of the laboratory manual for the “Structure Elucidation by NMR Spectroscopy” module for MCMP 204 Organic Chemistry Laboratory.

• David A. Colby

• Mark S. Cushman


- Robert L. Geahlen


Arun K. Ghosh


• Marietta L. Harrison


• Gregory H. Hockerman

  • Jacobo, SMP, Guerra, ML, and Hockerman, GH Cav1.2 and Cav1.3 are differentially coupled to GLP-1 potentiation of glucose-stimulated insulin secretion in the pancreatic [–]cell line INS-1. J Pharmacol Exp Ther 331:724-732 (2009).


• Chang-Deng Hu


• Gary E. Isom


• Douglas J. LaCount


  • Heaton NS, Perera R, Berger KL, Khadka S †, LaCount DJ †, Kuhn RJ, Randall G. Dengue virus nonstructural protein 3 redistributes fatty acid synthase to sites of viral replication and increases cellular fatty acid synthesis. Proc Natl Acad Sci U S A. 2010 Oct

Markus A. Lill

David E. Nichols

Chiwook Park

Laurie L. Parker

Carol B. Post


- **David J. Riese II**

- **Jean-Christophe Rochet**


Val J. Watts


**Pharmacy Practice**

| Steven R. Abel |
|———|

| Judy T. Chen |
|———|

| Patricia L. Darbishire |
|———|
| Darbishire PL, Plake KS, Nash CL, Shepler BM. “Active learning laboratory session to teach the 4-Ms of diabetes care.” *American Journal of Pharmacy Education* 2009; 73(2) Article 22. |

| David R. Foster |

Karen S. Hudmon

Kellie L. Jones

Michael B. Kays
- Shea KM, Cheatham SC, Wack MF, Smith DW, Sowinski KM, Kays MB. Comparative pharmacodynamics of intermittent and prolonged infusions of piperacillin/tazobactam

- Cynthia P. Koh-Knox

- Jane E. Krause

- Monica L. Miller

- Jennifer L. Morris

- Matthew M. Murawski

- Michael D. Murray
• Christiane L. Nash

• Gail D. Newton
  - N.E. Hagemeier and G.D. Newton, Pharmacy students' motivational beliefs regarding pursuance of graduate school after completion of the PharmD program, *Currents in Pharmacy Teaching and Learning*; 2(2), p. 79-93.

• Carol A. Ott

• Brian R. Overholser

• Sonak D. Pastakia

Kimery S. Plake

Ellen M. Schellhase

Steven A. Scott

Amy Heck Sheehan

Brian M. Shepler

Margie E. Snyder

Kevin M. Sowinski


Joseph Thomas III


Lori M. Ward, Murtuza M. Bharmal, Ankita Modi, Caroline Carney Doebbeling, and Joseph Thomas III. Use of Dementia Medications and Risk of Nursing Home Admission Among Community Dwelling Older Adults with Dementia. *Journal of Managed Care Pharmacy*, 2010 September, 16 (7): 548.

James E. Tisdale


Zachary A. Weber


Alan J. Zillich