

Howard University, RCMI Program

~~~Publication(s) 2003-present

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Anderson, A.J., Nicholson, J.M., Bakare, O., Butcher, R.J., **Scott, K.R.** (2004). A base-catalyzed solution-phase parallel synthesis of substituted vinylic benzamides from 3-amino-2-cyclohexanones. *J. Comb. Chem.*, 6(6), 950-954.

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**Hu, Z., Bowen, D., and Southerland, W.M.** (2004, December 11). *The creation of 3-D searchable small molecule databases with consideration of molecular chirality*. Oral session presented at 9th RCMI International Symposium on Health Disparities, Baltimore.

**Hu, Z., Githu, T., Bowen, D., and Southerland, W. M.** (2005, March). *Computational modeling study of the C-terminal RING-finger domain of HDM2*. Poster session presented at 229th ACS National Meeting, San Diego, CA.

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**Jackson, A. J., Hu, Z., Bowen, D., and Southerland, W. M.** (2004, December). *Computational Modeling Studies of the Multi-targeted Antifolate, Alima*. Poster session presented at 9th RCMI International Symposium on Health Disparities, Baltimore, MD.

**Hu, Z., Ma, B., Nussinov, R., Bowen, D. and Southerland, W. M.** (2004, August). *Molecular dynamics simulation of E. coli dihydrofolate reductase's circular permuted variants: relative stabilities in experiment and simulations*. Poster session presented at 228th ACS National Meeting, Philadelphia, PA.

**Hu, Z., Bowen, D., and Southerland, W. M.** (2004, August). *Dock odysseys. I. The creation of 3-D searchable small molecule databases with consideration of molecular chirality*. Poster session presented at 228th ACS National Meeting, Philadelphia, PA.

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**Collins, A. C. and Byrnes, W. M.** (April 2004) *Purification of plasmid DNA from the Gram-positive bacterium Streptomyces lividans.* Poster session at the American Society for Microbiology (ASM) Student Day Meeting, Washington, DC

Carrington, R. and **Byrnes, W. M.** (July 2004) *Expression of TrpEG from Streptomyces venezuelae.* Poster session at the annual meeting of the Society for Industrial Microbiology, Anaheim, CA

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**Ashenafi, M., Collins, A. C., Saunders, A., and Byrnes, W. M.** (December 2004) *Cloning and expression of streptomycin-inactivating enzymes.* Poster session at the 9<sup>th</sup> International Research Centers in Minority Institutions (RCMI) Symposium, Baltimore, MD

**Zhang, R., Zhou, Y., Kassa, A., Gu, X., Ashayeri, E. & Sridhar, R.** *In Vitro Cytotoxicity of Lipxygenase Inhibitors Towards PC-3 and DU-145 Human Prostate Cancer Cells. Baltimore, MD. Scientific Program & Abstracts; 9<sup>th</sup> RCMI International Symposium on Health Disparities. December 8-11, 2004*

Latonia Taliaferro Smith, Yi-Lin Yan, John Postlethwait, **Allen Rhoads**, Felix Friedberg. (2004, April) *Expression of Multiple Calmodulin mRNA Transcripts in the Adult Zebrafish Brain.* Graduate Research Symposium and Honors Day, Howard University, Washington, DC, April 13, 2004.

**Charlene Sydnor**, Yi-Lin Yan, John Postlethwait, **Allen Rhoads**, Felix Friedberg (2004, April) *Functional Analysis of ASPM in Danio rerio Using Morpholino Antisense Oligonucleotides.* Graduate Research Symposium and Honors Day, Howard University, Washington, DC, April 13, 2004.

**Sydnor, C. A. and Rhoads, A.** (2004, June) Multiple IQ-motif genes – expression in human cell lines and comparison in primates. *FASEB J.* 18 (8) C27, 18.8. Presented at the ASBMB Meeting and 8<sup>th</sup> IUBMB Conference, Boston MA, June 12-16, 2004.

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Osei, S.; **Bakare, O.** (November, 2003). Microwave-Assisted Synthesis of 2-Imido-Substituted 5-Chlorobenzoxazole Derivatives. 4<sup>th</sup> Annual Undergraduate Science & Engineering Conference, Tuskegee University, November 14-16, 2003

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Berhe, S.; **Bakare, O.** (December 2004). Design and Synthesis of Novel Phenylaminoindazole-4,7-dione Derivatives as Potential Anticancer Agents *Ninth RCMI International Symposium on Health Disparities, Baltimore, MD.* December 8-11, 2004. PP-005.

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