

Selected Major Publications

Tanya Dodatko, Monique Akoachere, Nadia Jimenez, and Ernesto Abel-Santos, "Inhibition of *B. cereus* spore germination," in preparation.

Tetyana Dodatko, Monique Akoachere, Christian Ross, Jürgen Brojatsch and Ernesto Abel-Santos, "*Bacillus cereus* 569 (ATCC 10876) spores secrete amino acids during inosine-mediated germination", submitted.

Zadkiel Alvarez and Ernesto Abel-Santos, "Potential use of inhibitors of bacterial spore germination in the prophylactic treatment of anthrax and CDAD," *Expert. Rev. Anti-infect. Ther.*, accepted.

Monique Akoachere, Raynal Squires, Adel Nour, Ludmyl Angelov, Jürgen Brojatsch, and Ernesto Abel-Santos, "Identification of an in vivo inhibitor of *Bacillus anthracis* Sterne spore germination," *J. Biol. Chem.*, 2007, 282, 12112-12118.

Tanya Dodatko and Ernesto Abel-Santos, "Differential nucleoside recognition during *Bacillus cereus* 569 (ATCC 10876) spore germination," *New J. Chem.*, 2007, 31, 748-755.

Lisa O. Nilsson, Mostafa Louassini, and Ernesto Abel-Santos, "Using SICLOPPS for the discovery of novel antimicrobial peptides and their targets," *Prot. Pept. Lett.*, 2005, 8, 795-799.

Ernesto Abel-Santos, Charles P. Scott, and Stephen J. Benkovic, "Use of inteins for the in vivo production of stable cyclic peptide libraries in *E. coli*," in *Methods in Molecular Biology: E. coli Gene Expression Protocols*, Ch. 19, pp. 281-294, Vaillancourt, P. (ed), Humana Press, Totowa, N.J., 2002.

Charles P. Scott, Ernesto Abel-Santos, A. Daniel Jones, and Stephen J. Benkovic, "Structural requirements for the biosynthesis of backbone cyclic peptide libraries," *Chemistry & Biology*, 2001, 117, 1-15.

Michael A. Trakselis, Stephen C. Alley, Ernesto Abel-Santos, and Stephen J. Benkovic, "Creating a dynamic picture of the sliding clamp during T4 DNA polymerase holoenzyme assembly by using fluorescence resonance energy transfer," *Proc. Natl. Acad. Sci., USA.*, 2001, 98, 8368-8375.

Hossein Shabany, Robert Pajewski, Ernesto Abel, Anindita Mukhopadhyay, and George W. Gokel, "The effect of twin-tailed sidearms on sodium cation transport in synthetic hydrophile cation channels," *J. Heterocyclic Chem.*, 2001, 38, 1393-1400.