

## Selected Recent Publications

- IN PREPARATION: Ashenafi M, Southerland WM, Byrnes WM. The Monomeric Anthranilate Synthase from *Streptomyces venezuelae*: Trp-168 Is Important for Transmission of Allosteric Signal but Not Inhibitor Binding
- Ashenafi M, Reddy PT, Parsons JF and Byrnes WM (2015) The Fused Anthranilate Synthase from *Streptomyces venezuelae* Functions as a Monomer. *Molecular and Cellular Biochemistry* 400: 9-15
- Ashenafi M, Ammosova T, Nekhai S and Byrnes WM (2014) Purification and Characterization of Aminoglycoside Phosphotransferase APH(6)-Id, a Streptomycin Inactivating Enzyme. *Molecular and Cellular Biochemistry* 387: 207-216
- Debebe Z, Nekhai S, Ashenafi M, Lovejoy DB, Kalinowski DS, Gordeuk VR, Byrnes WM, Richardson DR and Karla PK (2012) Development of a Sensitive HPLC Method to Measure *in vitro* Permeability of E- and Z-isomeric Forms of Thiosemicarbazones in Caco-2 Monolayers. *Journal of Chromatography B* 906: 25-32
- Ashenafi M, Carrington R, Collins AC and Byrnes WM (2008) The Fused TrpEG from *Streptomyces venezuelae* is an Anthranilate Synthase, Not a 2-Amino-2-Deoxyisochorismate (ADIC) Synthase. *Ethnicity and Disease* 18(2 Suppl 2): 9-13

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