Life Sciences

Atomic Structures Reveal a Unique Molecular Mechanism for Initiating TRAF6 Signaling

H. Wu, H. Ye, M. Cirilli, D. Segal, O.K. Dzivenu, J.R. Arron, M. Vologodskaia, B. Lamothe, K. Du, B.G. Darney, T. Kobayashi, M. Yim, Y. Choi, N.K. Shevde, J.W. Pike, and S. Singh

The Last Piece of the Structural Puzzle in Bacterial Chemotaxis

R.B. Bourret, E.J. Collins, R.E. Silversmith, and R. Zhao

Structural and Functional Characterization of Ohr, an Organic Hydroperoxide Resistance Protein from *Pseudomonas aeruginosa*

J. Lesniak, W.A. Barton, and D.B. Nikolov

Insights into Antifolate Resistance from Malarial DHFR–TS Structures

J. Yuvaniyama, P. Chitnumsub, S. Kamchonwongpaisan, J. Vanichtanankul, W. Sirawaraporn, P. Taylor, M. Walkinshaw, and Y. Yuthavong

Crystal Structure of the Carboxyltransferase Domain of Acetyl Coenzyme A Carboxylase

L. Tong, B. Tweel, Y. Shen, and H. Zhang

A Salmonella Invasion Protein That Acts as a "Molecular Staple"

M. Lilic, V.E. Galkin, A. Orlova, M.S. VanLoock, E.H. Egelman, and C.E. Stebbins

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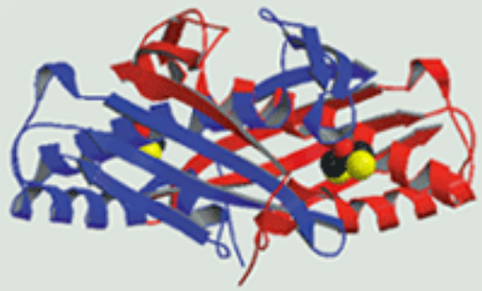

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