

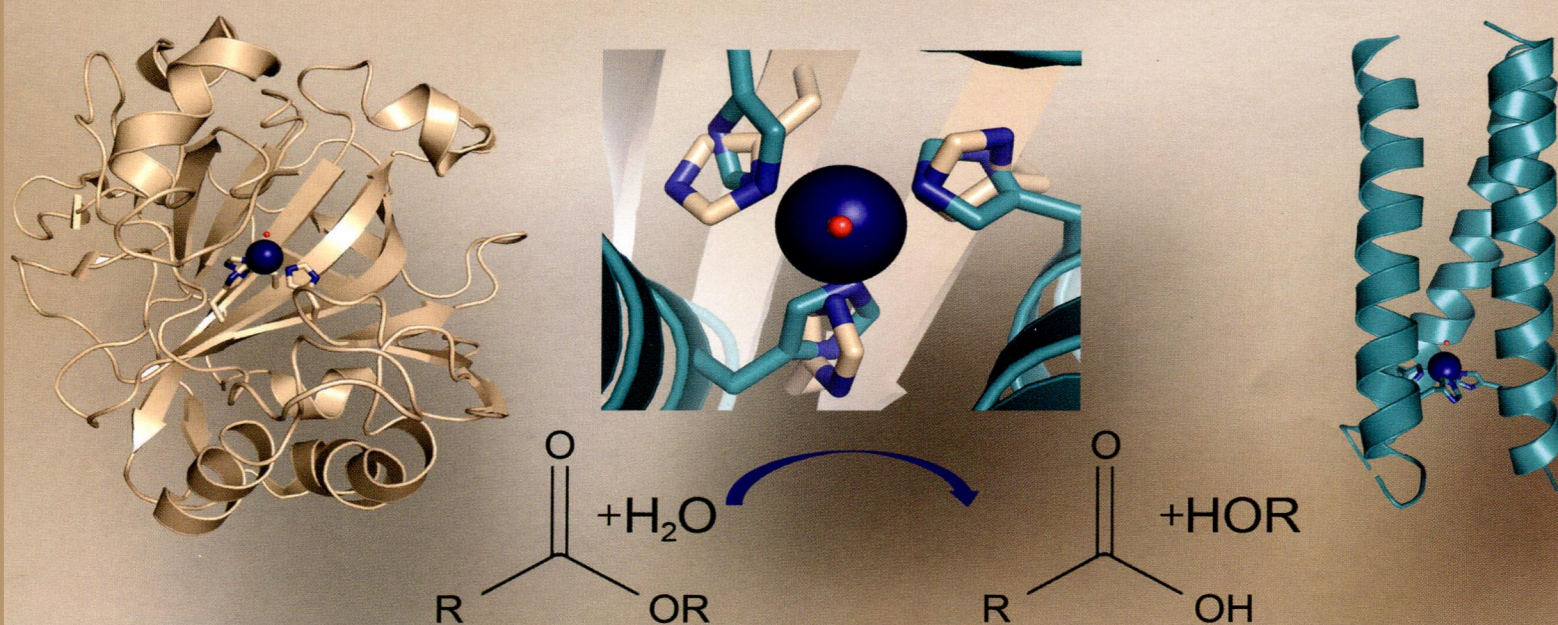
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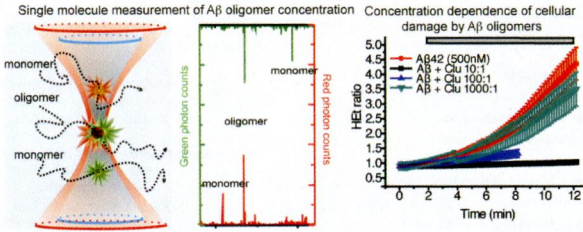
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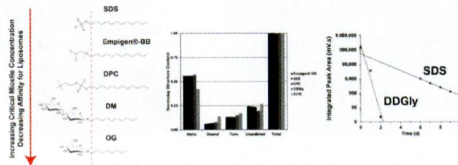
Rare Individual Amyloid- β Oligomers Act on Astrocytes to Initiate Neuronal Damage

Priyanka Narayan, Kira M. Holmström, Dong-Hyun Kim, Daniel J. Whitcomb, Mark R. Wilson, Peter St. George-Hyslop, Nicholas W. Wood, Christopher M. Dobson, Kwangwook Cho, Andrey Y. Abramov,* and David Klenerman*



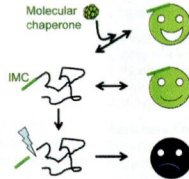
Detergent Optimized Membrane Protein Reconstitution in Liposomes for Solid State NMR

Dylan T. Murray, James Griffin, and Timothy A. Cross*



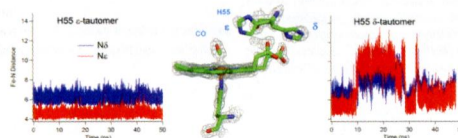
The N-Terminal Extension of β B1-Crystallin Chaperones β -Crystallin Folding and Cooperates with α A-Crystallin

Xiao-Yao Leng, Sha Wang, Ni-Qian Cao, Liang-Bo Qi, and Yong-Bin Yan*



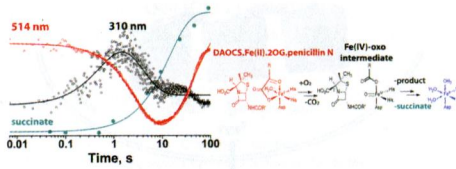
A Model for the Flexibility of the Distal Histidine in Dehaloperoxidase-Hemoglobin A Based on X-ray Crystal Structures of the Carbon Monoxide Adduct

Junjie Zhao, Vesna de Serrano, and Stefan Franzen*



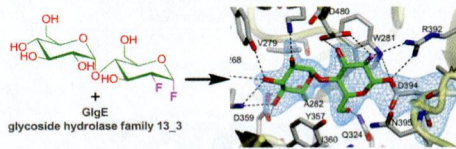
Studies on Deacetoxycephalosporin C Synthase Support a Consensus Mechanism for 2-Oxoglutarate Dependent Oxygenases

Hanna Tarhonskaya, Andrea Szöllösi, Ivanhoe K. H. Leung, Jacob T. Bush, Luc Henry, Rasheduzzaman Chowdhury, Aman Iqbal, Timothy D. W. Claridge, Christopher J. Schofield,* and Emily Flashman*



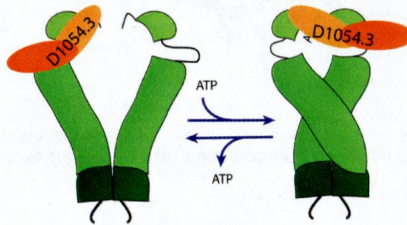
Structural Insight into How *Streptomyces coelicolor* Maltosyl Transferase GlgE Binds α -Maltose 1-Phosphate and Forms a Maltosyl-enzyme Intermediate

Karl Syson, Clare E. M. Stevenson, Abdul M. Rashid, Gerhard Saalbach, Minhong Tang, Anne Tuukkanen, Dmitri I. Svergun, Stephen G. Withers, David M. Lawson, and Stephen Bornemann*



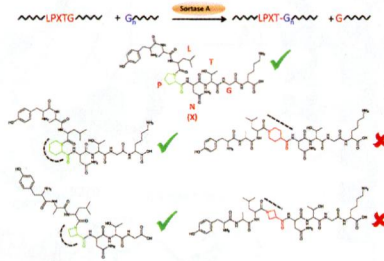
Nematode Sgt1-Homologue D1054.3 Binds Open and Closed Conformations of Hsp90 via Distinct Binding Sites

Julia M. Eckl, Adrian Drazic, Daniel A. Rutz, and Klaus Richter*



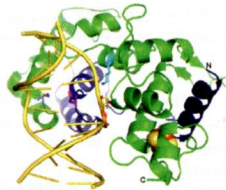
Sorting of LPXTG Peptides by Archetypal Sortase A: Role of Invariant Substrate Residues in Modulating the Enzyme Dynamics and Conformational Signature of a Productive Substrate

Tora Biswas, Vijaykumar S. Pawale, Devapriya Choudhury, and Rajendra P. Roy*



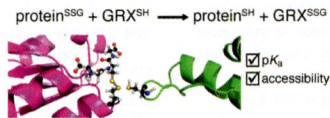
5-Methylcytosine Recognition by *Arabidopsis thaliana* DNA Glycosylases DEMETER and DML3

Sonja C. Brooks, Robert L. Fischer, Jin Hoe Huh, and Brandt F. Eichman*



The pK_a Value and Accessibility of Cysteine Residues Are Key Determinants for Protein Substrate Discrimination by Glutaredoxin

Kristine Steen Jensen, Jeppe T. Pedersen, Jakob R. Winther,* and Kaare Teilum*



Experimental and Computational Mutagenesis To Investigate the Positioning of a General Base within an Enzyme Active Site

Jason P. Schwans, Philip Hanoian, Benjamin J. Lengerich, Fanny Sunden, Ana Gonzalez, Yingssu Tsai, Sharon Hammes-Schiffer,* and Daniel Herschlag*

