

## Publications List for Richard A. Gibbs

Richard A. Gibbs and William H. Okamura\* "Synthesis of 3-Deoxy-1 $\alpha$ ,25-dihydroxy- 9,11-dehydrovitamin D<sub>3</sub>: Selective Formation of 6 $\beta$ -Vitamin D Vinylallenes and Their Thermal [1,5]-Sigmatropic Hydrogen Shift." *Tetrahedron Letters* **1987**, 28, 6021-6024.

Sheri A. Barrack, Richard A. Gibbs and William H. Okamura\* "Potential Inhibitors of Vitamin D Metabolism: An Oxa-Analogue of Vitamin D." *Journal of Organic Chemistry* **1988**, 53, 1790-1796.

Richard A. Gibbs and William H. Okamura\* "A Short Enantioselective Synthesis of (+)-Sterpurene: Complete Intramolecular Transfer of Central to Axial to Central Chiral Elements." *Journal of the American Chemical Society* **1988**, 110, 4062-4063.

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William H. Okamura,\* J. Miguel Aurrecoechea, Richard A. Gibbs, and Anthony W. Norman "Synthesis and Biological Activity of 9,11-Dehydrovitamin D Analogues: Stereoselective Preparation of 6 $\beta$ -Vitamin D Vinylallenes and a Concise Enynol Synthesis for Preparing the A-Ring." *Journal of Organic Chemistry* **1989**, 54, 4072-4083.

Kim D. Janda,\* Jon A. Astley, Teresa M. Jones, Donald A. McLeod, Diane M. Schloeder, Michael I. Weinhouse, Richard A. Lerner,\* Richard A. Gibbs, Patricia A. Benkovic, Riet Hilhorst, and Stephen J. Benkovic\* "Catalytic Antibodies with Acyl Transfer Capabilities: Mechanistic and Kinetic Investigations." *Journal of the American Chemical Society* **1991**, 113, 291-297.

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Richard A. Gibbs, Patricia A. Benkovic, Kim D. Janda, Richard A. Lerner, and Stephen J. Benkovic\* "Substituent Effects on the Antibody-Catalyzed Hydrolysis of Phenyl Esters: Further Evidence for an Acyl-Antibody Intermediate." *Journal of the American Chemical Society* **1992**, 114, 3528-3534.

Richard A. Gibbs, Scott Taylor, and Stephen J. Benkovic\* "Antibody Catalyzed Rearrangement of the Peptide Bond." *Science* **1992**, 258, 803-805.

Richard A. Gibbs,\* YongQi Mu, and Fang Wang "An NMR Method for Elucidating the Stereochemistry of Protein Farnesylation." *Bioorganic and Medicinal Chemistry Letters* **1993** 3, 281-284.

Richard A. Gibbs\* and Usha Krishnan “A Pd(0)-Catalyzed Route to 13 Methylidenefarnesyl Diphosphate.” *Tetrahedron Letters* **1994** 35, 2509-2512.

Louis J. Liotta, Richard A. Gibbs, Scott D. Taylor, Patricia A. Benkovic, and Stephen J. Benkovic\* “Antibody-Catalyzed Rearrangement of a Peptide Bond: Mechanistic and Kinetic Investigations.” *Journal of the American Chemical Society*, **1995** 117, 4729-4741.

YongQi Mu and Richard A. Gibbs\* “Coupling of Isoprenoid Triflates with Organoboron Nucleophiles: Synthesis of all-*trans*-Geranylgeraniol.” *Tetrahedron Letters* **1995** 36, 5669-5672.

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*Journal of Pharmacology and Experimental Therapeutics* **2002**, *303*, 74-81.

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Sarah A. Reigard, Todd J. Zahn, Kellie Haworth, Carolyn Weinbaum, Jennifer Pickett, Carol A.  
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Selectivity in Protein-Farnesyl Transferase." To be submitted to the *Journal of the American  
Chemical Society*.

Diwan S. Rawat and Richard A. Gibbs\* "Copper(II)oxide: An Effective Co-Catalyst in the Stille  
Coupling of Triflates with Sterically Hindered and Electron-Deficient Stannanes" To be  
submitted.

Judith S. Sebolt-Leopold, Barbara S. Gibbs, Ramzi M. Mohammad, Fazlul H. Sarkar, Jennifer  
Meyer, Thomas H. Corbett, Todd J. Zahn, and Richard A. Gibbs\* “In Situ Anticancer  
Activity and Mechanistic Evaluation of Novel Farnesol and Geranylgeraniol Analogs.” To  
be submitted.