

# The Breslow Symposium: Celebrating the 70th Birthday of Ronald Breslow

Columbia University, March 24, 2001, 8:30am – 6:00pm

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## Session I, 8:45am - 10:45am

Dr. Anthony Czarnek, Illumina, "Cubes and Tubes, Chips and Tips: Combinatorial Organic Synthesis" (or, "How I Learned to Relax and Love the Bead")

Prof. Marcey Waters, UNC at Chapel Hill, " $\pi$ - $\pi$  Stacking Interactions in Water"

Prof. Bartolo Gabriele, Universita della Calabria, "New Syntheses of Heterocyclic Derivatives via Organopalladium Catalysis"

Dr. Carsten Schmuck, Universität zu Köln, "Carboxylate Binding by Guanidiniocarbonylpyrroles: From Self-Assembly to Peptide Receptors"

Prof. Tim Glass, The Pennsylvania State University, "Cooperative Fluorescent Chemical Sensors"

Prof. Yves Rubin, UCLA, "From Carbon Rings to Carbon Balls via Triangles"

Prof. Virginia Cornish, Columbia University, "A Genetic Selection for Protein Evolution and Proteomics"

## Session II, 11:00am – 12:30pm

Prof. William Jenks, Iowa State University, title TBA

Dr. Michael Varney, Agouron Pharmaceuticals, "Highlights of Lessons Learned During the Last 12 Years of Protein Structure-Based Drug Design"

Prof. James Canary, New York University, "Redox Control of Helical Chirality"

Prof. Eric Anslyn, Univ. of Texas at Austin, title TBA

Prof. Albrecht Berkessel, Universität zu Köln, "Biomimetic Catalysis - With and Without Metals"

Prof. Jean Chmielewski, Purdue University, "Small Molecule Dimerization Inhibitors of HIV Protease"

## Session III, 1:30pm - 4:15pm

Dr. Julio Medina, Tularik, Inc., "Novel Tubulin Binders With Efficacy Against Multi-Drug Resistant Tumor Cells"

Prof. Sam Gellman, Univ. of Wisconsin, Madison, "Structure and Function in  $\beta$ -Peptide Foldamers"

Prof. Don Hilvert, ETH Zurich, "Searching Sequence Space for Protein Catalysts"

Prof. Eric Kool, Stanford University, "Synthetic Replacements for Biological Structures and Pathways"

Prof. Uday Maitra, Indian Institute of Science, "Hydrophobic Pockets in Aqueous Gels"

Prof. Steven Zimmerman, University of Illinois at Urbana-Champaign, "New DNA Base Pairs, Molecular Imprinting, and the Origin of Life"

Prof. Alanna Schepartz, Yale University, "Functional Miniature Proteins"

## Session IV, 4:30pm-6:00pm

Prof. Joseph Gajewski, Indiana University, "Quantitative Macroscopic Analysis of Solvent Effects with Emphasis on Pericyclic and Solvolysis Reactions"

Prof. Shun-Ichi Murahashi, Osaka University, "Low-Valent Transition-Metal Hydride Complexes as Alternatives to Lewis Acid and Base Catalysts"

Prof. Robert Bergman, UC Berkeley, "Hydrocarbon C-H Bond Activation Using Cationic Late Transition Metal Complexes"

Prof. Robert Grubbs, Caltech, title TBA

Prof. Larry Overman, UC Irvine, title TBA

Prof. Jay Groves, Princeton University, title TBA

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All talks will be in 309 Havemeyer Hall, Broadway and 118th St. on the Columbia University campus. For more information and directions, call (212) 854-3924 or e-mail: [rb70symp@chem.columbia.edu](mailto:rb70symp@chem.columbia.edu).